

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\
 Data File : VV015918.D
 Acq On : 06 May 2020 18:27
 Operator : SY/MD
 Sample : L2527-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 07 02:06:22 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	146005	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	140366	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	66643	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41844	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.58	69	38844	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.12	63	65457	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.93	46	117368	50.41	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.82%
24) Chloroform-d	4.38	84	84824	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.06	65	51489	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.08	84	177496	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.09	67	54628	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.34	98	160234	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.64	79	18585	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.11	63	88478	47.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.84%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	36701	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	58835	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

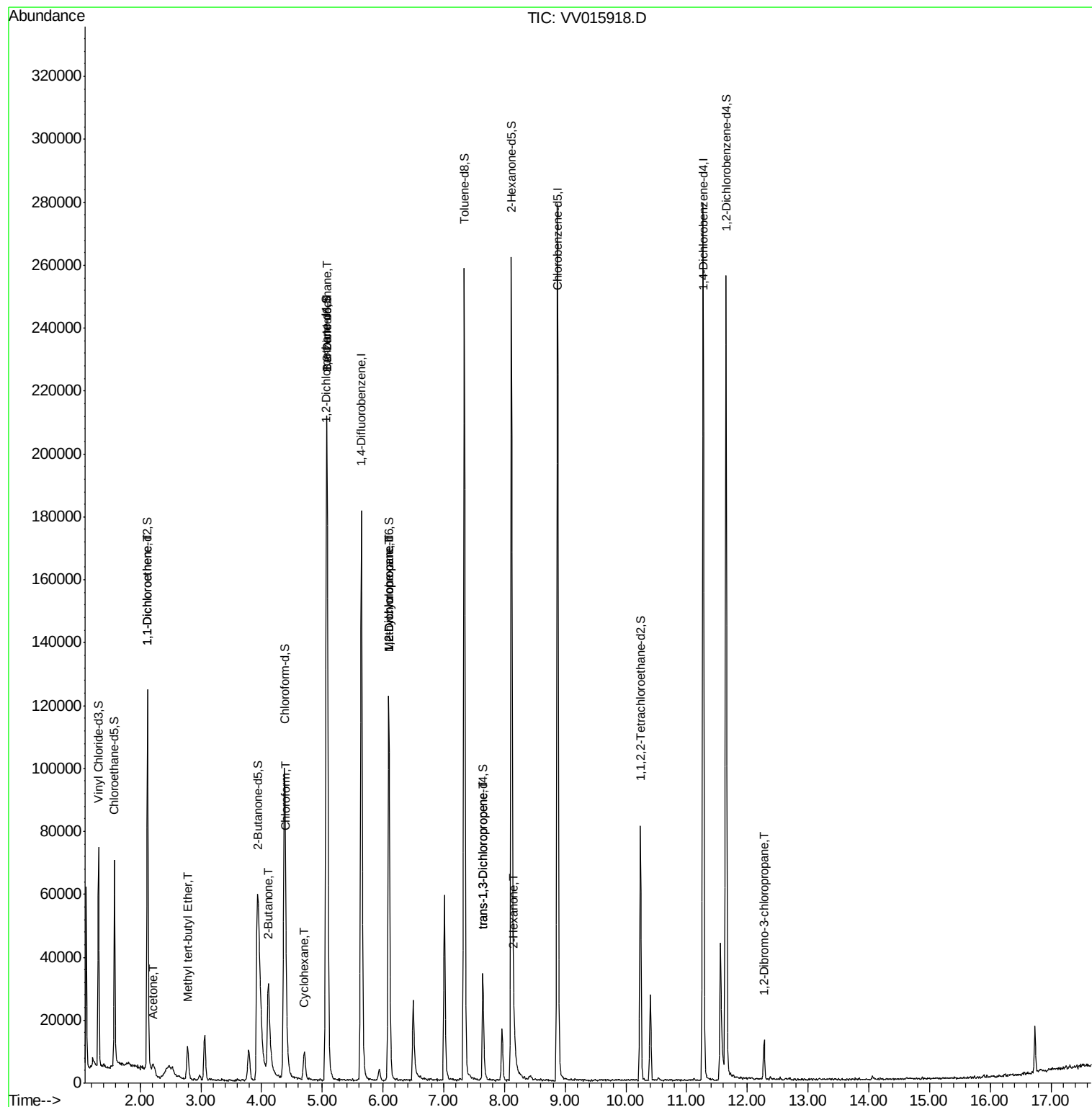
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	627	0.077	ug/L #	1
13) Acetone	2.22	43	8119	5.664	ug/L	95
17) Methyl tert-butyl Ether	2.78	73	2787	0.129	ug/L #	1
21) 2-Butanone	4.11	43	54223	22.640	ug/L #	55
25) Chloroform	4.41	83	8876	0.464	ug/L	98
27) 1,2-Dichloroethane	5.08	62	1291	0.109	ug/L #	76
30) Cyclohexane	4.71	56	4441	0.271	ug/L	99
35) Methylcyclohexane	6.09	83	13302	0.812	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	6847	0.744	ug/L #	87
44) trans-1,3-Dichloropropene	7.64	75	917	0.084	ug/L #	57
48) 2-Hexanone	8.16	43	3762	0.918	ug/L #	84
66) 1,2-Dibromo-3-chloropropan	12.27	75	434	0.366	ug/L #	6

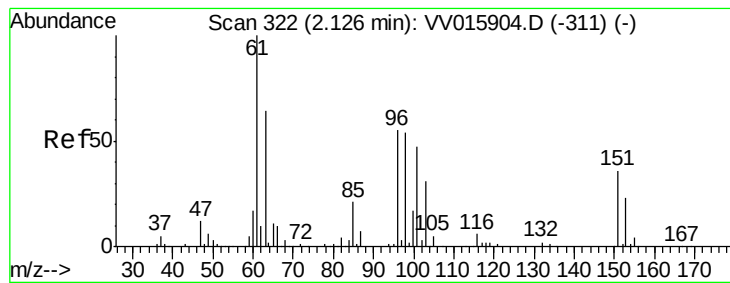
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.077 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.00 min

Lab File: VV015918.D

Acq: 06 May 2020 18:27

Instrument :
MSVOA_V
ClientSampled :

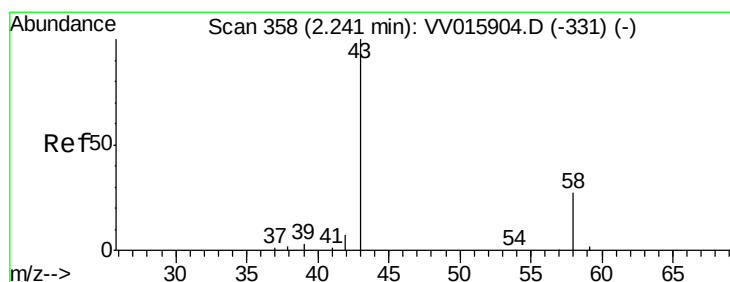
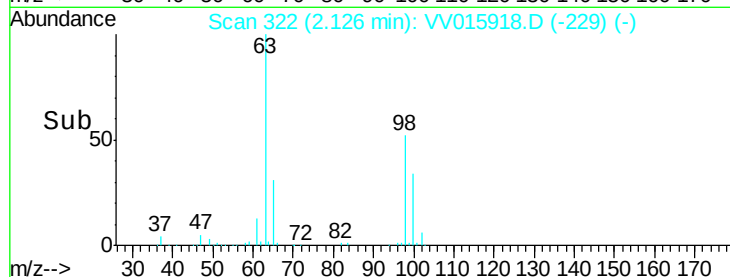
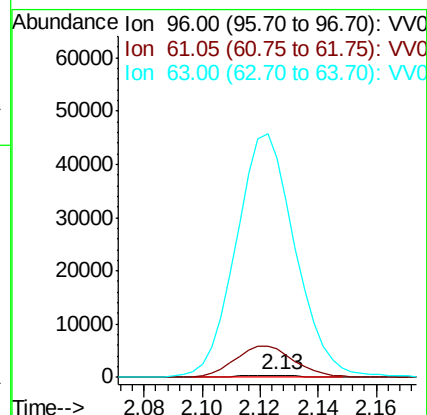
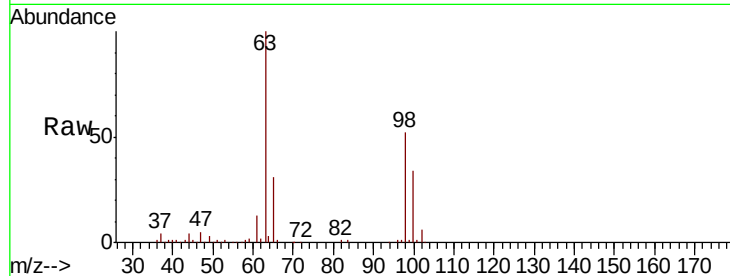
Tot Ion: 96 Resp: 627

Ion Ratio Lower Upper

96 100

61 1273.4 139.9 259.7#

63 9976.8 106.4 197.6#



#13

Acetone

Concen: 5.664 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.02 min

Lab File: VV015918.D

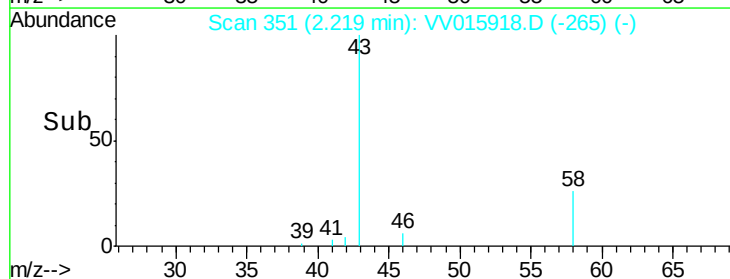
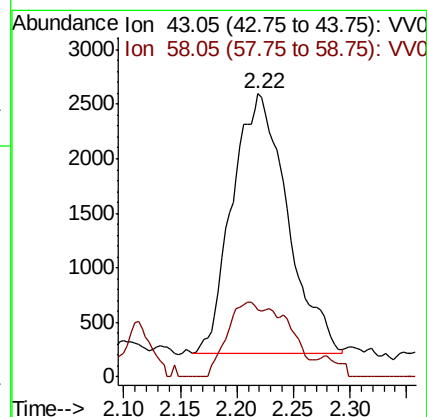
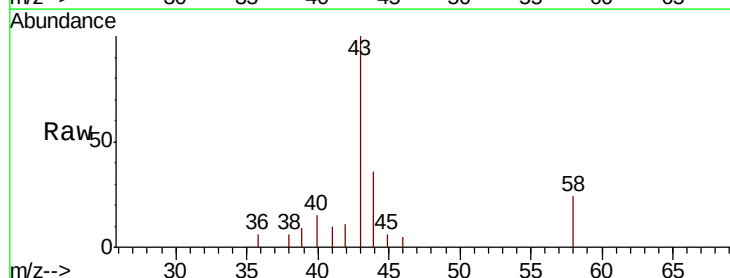
Acq: 06 May 2020 18:27

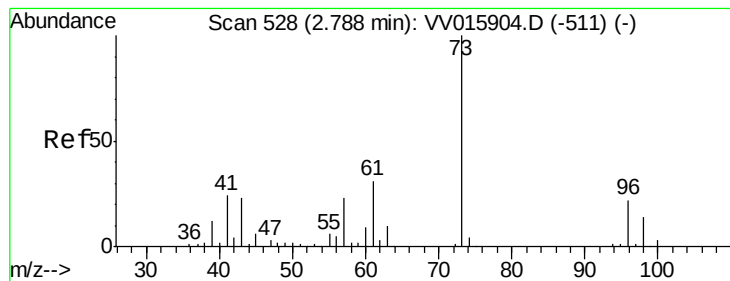
Tgt Ion: 43 Resp: 8119

Ion Ratio Lower Upper

43 100

58 17.3 0.0 30.8





#17

Methyl tert-butyl Ether

Concen: 0.129 ug/L

RT: 2.78 min Scan# 527

Delta R.T. -0.00 min

Lab File: VV015918.D

Acq: 06 May 2020 18:27

Instrument :

MSVOA_V

ClientSampled :

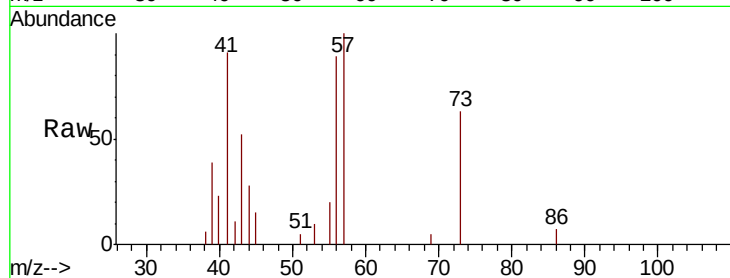
Tot Ion: 73 Resp: 2787

Ion Ratio Lower Upper

73 100

43 83.0 18.8 28.2#

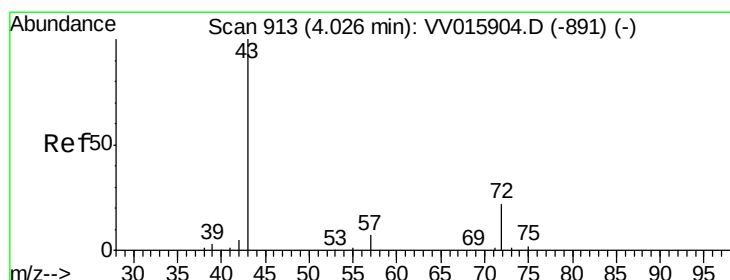
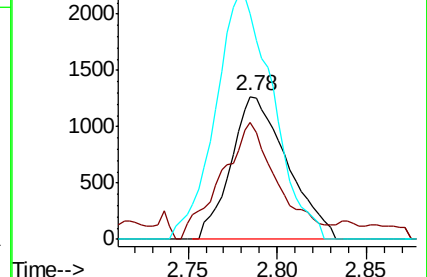
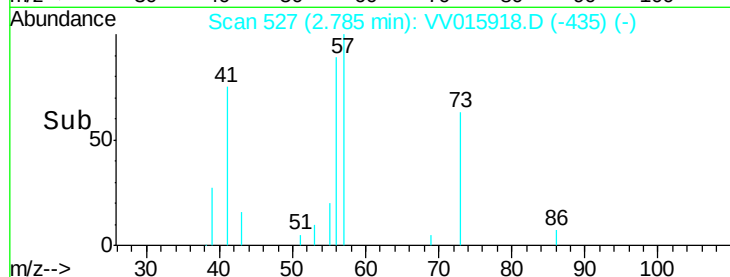
57 176.1 17.8 26.6#



Abundance Ion 73.10 (72.80 to 73.80): VV015918.D (-435) (-)

Ion 43.05 (42.75 to 43.75): VV015918.D (-435) (-)

Ion 57.10 (56.80 to 57.80): VV015918.D (-435) (-)



#21

2-Butanone

Concen: 22.640 ug/L

RT: 4.11 min Scan# 939

Delta R.T. 0.08 min

Lab File: VV015918.D

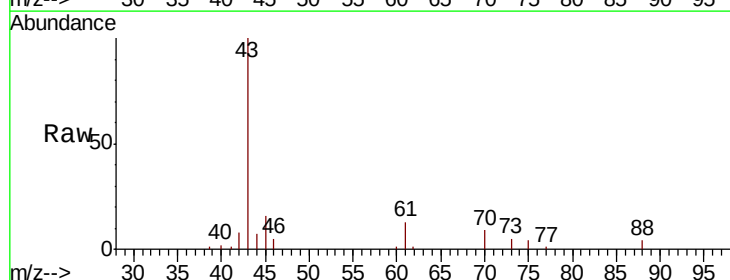
Acq: 06 May 2020 18:27

Tgt Ion: 43 Resp: 54223

Ion Ratio Lower Upper

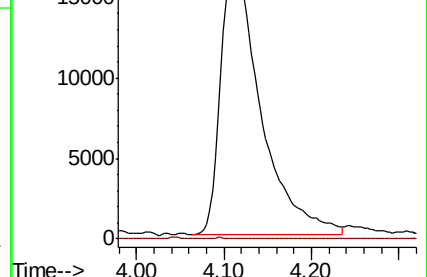
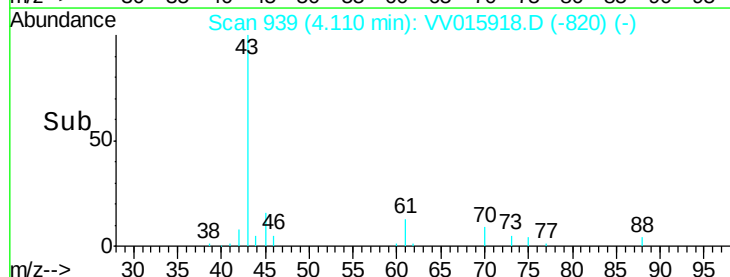
43 100

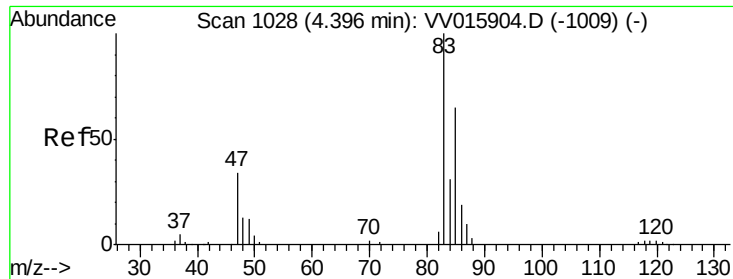
72 0.1 10.5 31.5#



Abundance Ion 43.00 (42.70 to 43.70): VV015918.D (-820) (-)

Ion 72.00 (71.70 to 72.70): VV015918.D (-820) (-)

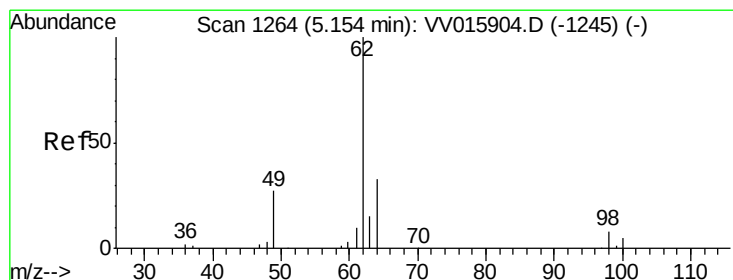
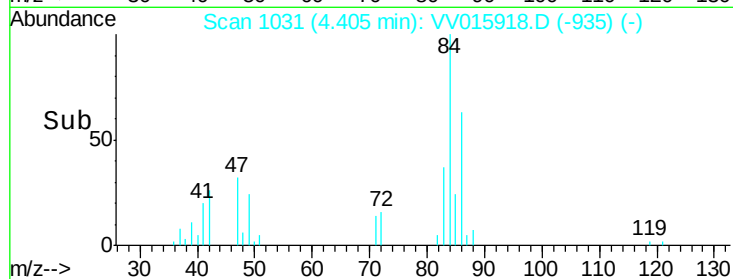
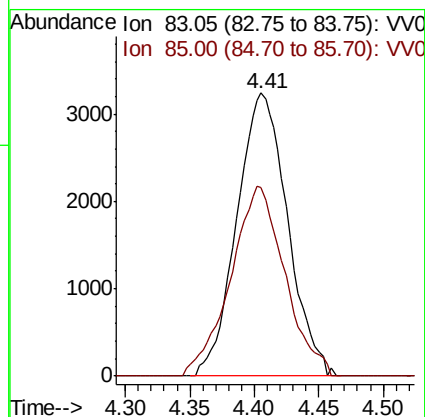
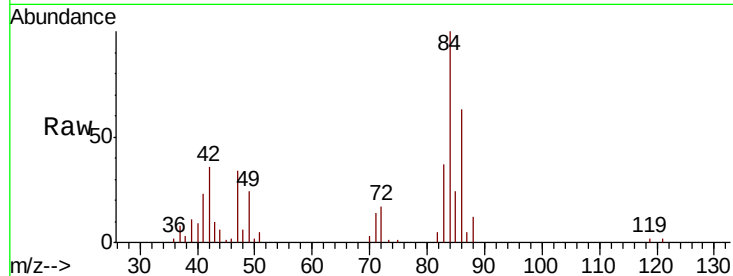




#25
Chloroform
Concen: 0.464 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015918.D
Acq: 06 May 2020 18:27

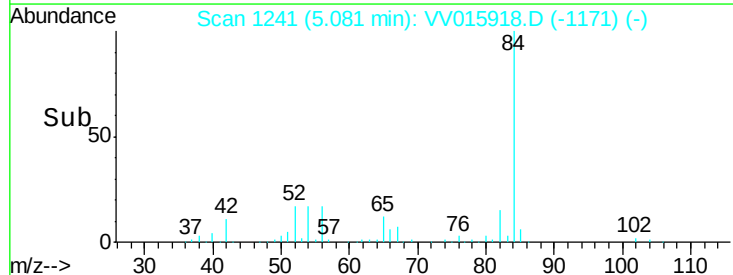
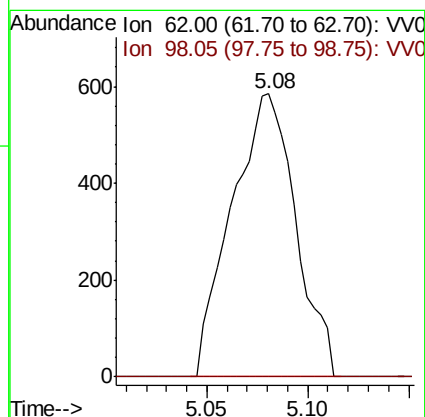
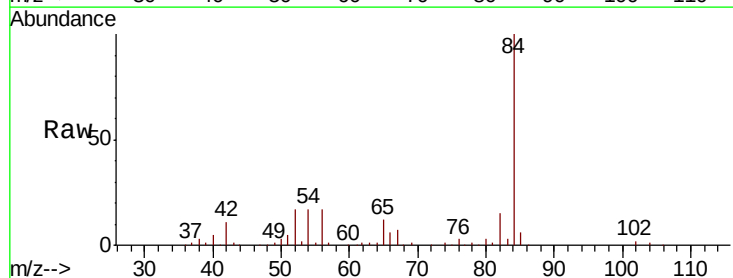
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MSVOA_V
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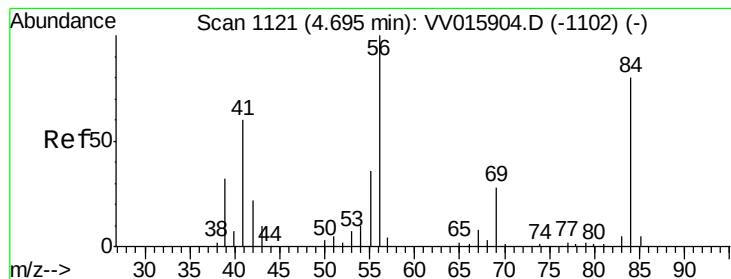
Tot Ion: 83 Resp: 8876
Ion Ratio Lower Upper
83 100
85 66.8 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.109 ug/L
RT: 5.08 min Scan# 1241
Delta R.T. -0.07 min
Lab File: VV015918.D
Acq: 06 May 2020 18:27

Tgt Ion: 62 Resp: 1291
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#





#30

Cyclohexane

Concen: 0.271 ug/L

RT: 4.71 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VV015918.D

Acq: 06 May 2020 18:27

Instrument :

MSVOA_V

ClientSampleId :

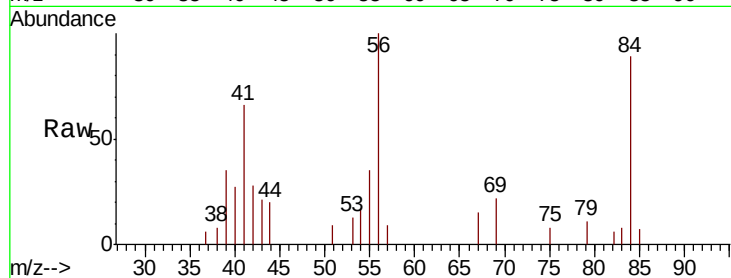
Tot Ion: 56 Resp: 4441

Ion Ratio Lower Upper

56 100

69 28.4 24.2 36.2

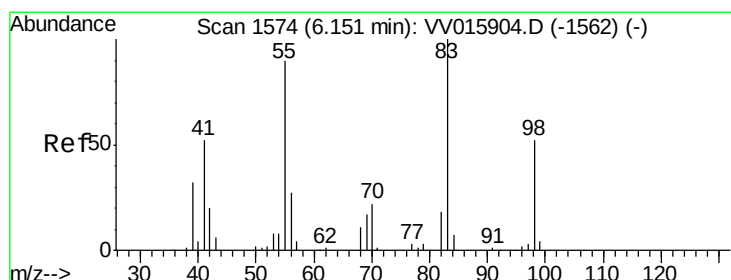
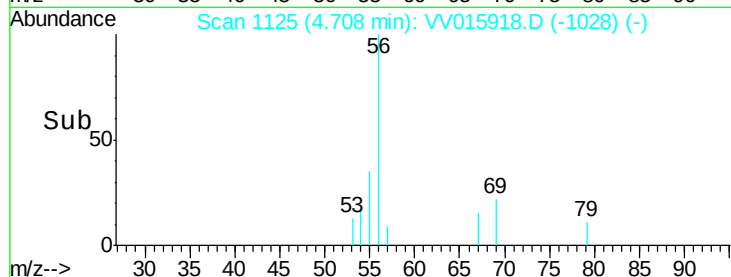
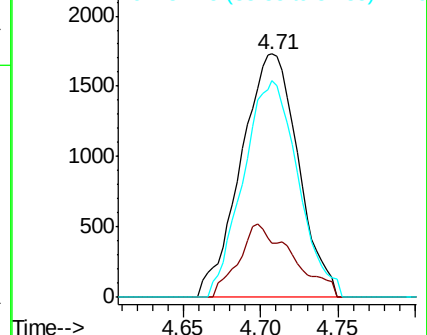
84 85.4 68.3 102.5



Abundance Ion 56.10 (55.80 to 56.80): VV015918.D (-1028) (-)

Ion 69.15 (68.85 to 69.85): VV015918.D (-1028) (-)

Ion 84.15 (83.85 to 84.85): VV015918.D (-1028) (-)



#35

Methylcyclohexane

Concen: 0.812 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV015918.D

Acq: 06 May 2020 18:27

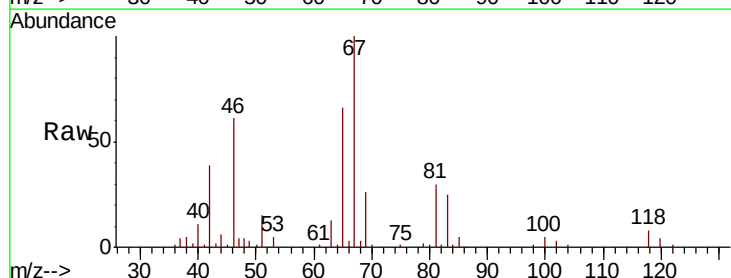
Tgt Ion: 83 Resp: 13302

Ion Ratio Lower Upper

83 100

55 0.9 66.2 99.2#

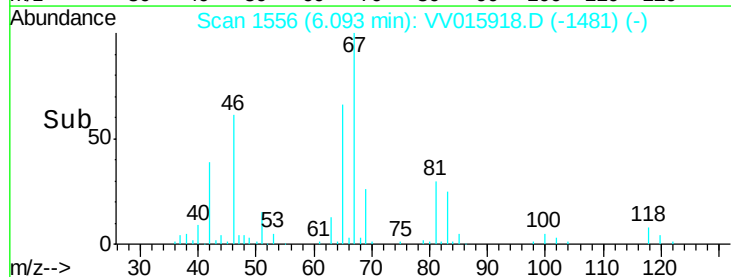
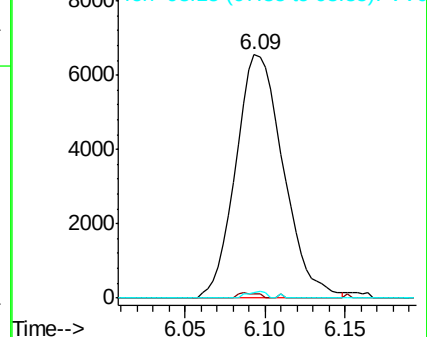
98 1.0 37.9 56.9#

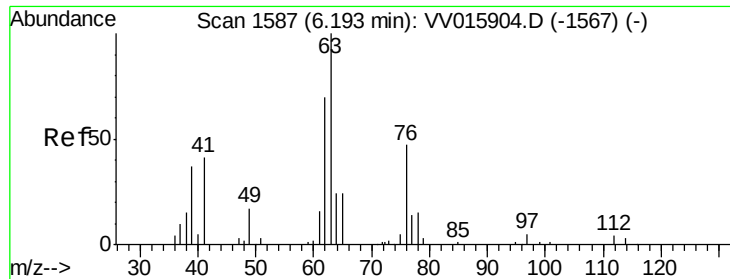


Abundance Ion 83.15 (82.85 to 83.85): VV015918.D (-1481) (-)

Ion 55.10 (54.80 to 55.80): VV015918.D (-1481) (-)

Ion 98.15 (97.85 to 98.85): VV015918.D (-1481) (-)

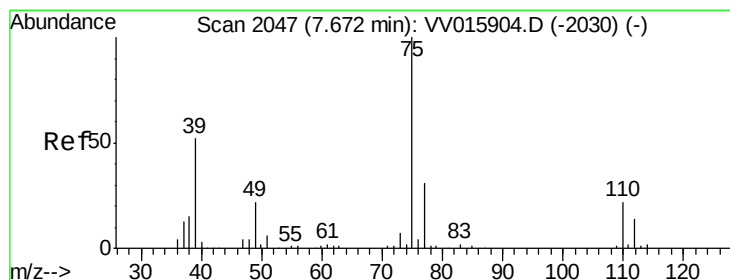
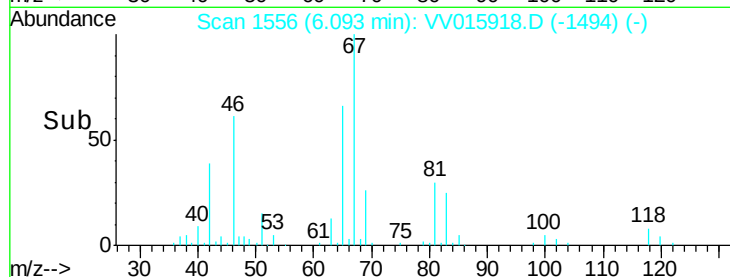
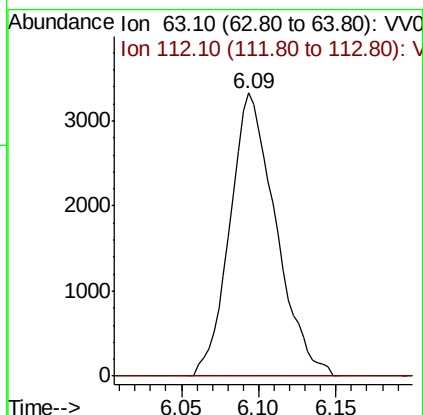
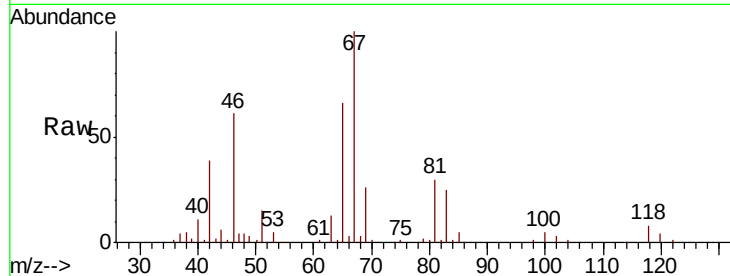




#37
 1,2-Dichloropropane
 Concen: 0.744 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015918.D
 Acq: 06 May 2020 18:27

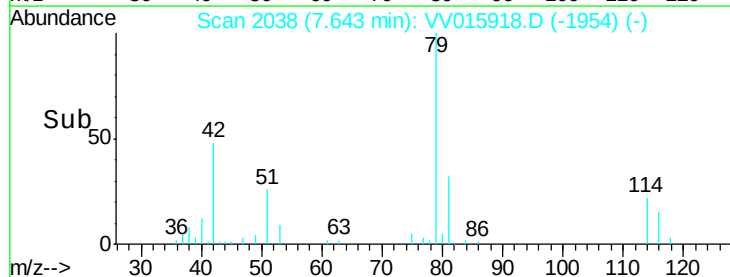
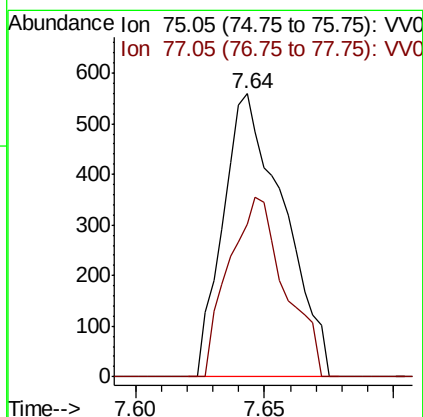
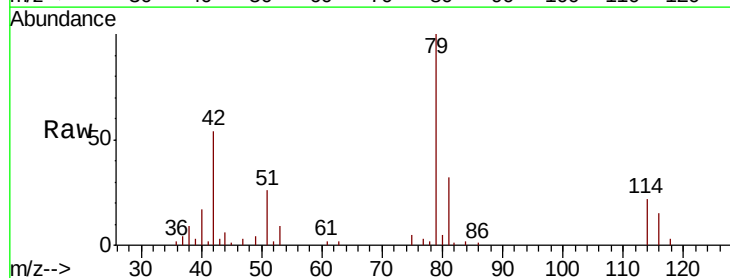
Instrument :
 MSVOA_V
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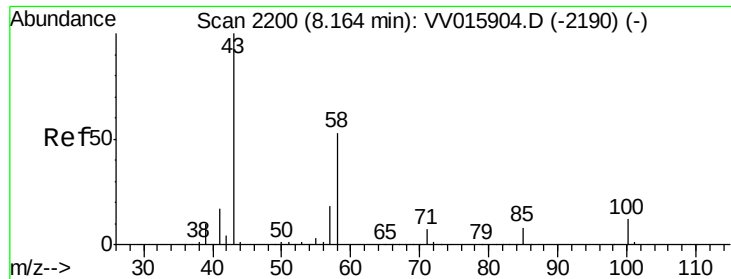
Tot Ion: 63 Resp: 6847
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015918.D
 Acq: 06 May 2020 18:27

Tgt Ion: 75 Resp: 917
 Ion Ratio Lower Upper
 75 100
 77 54.0 21.3 39.6#

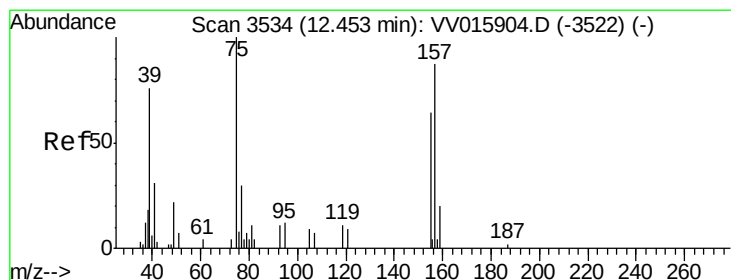
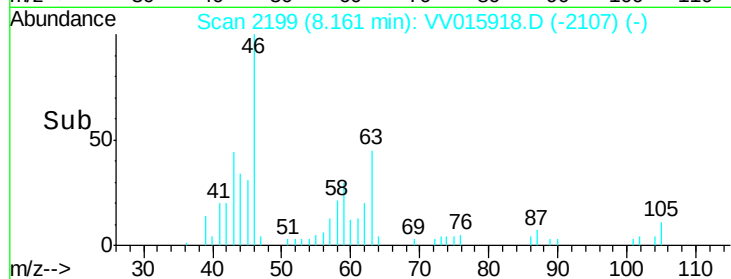
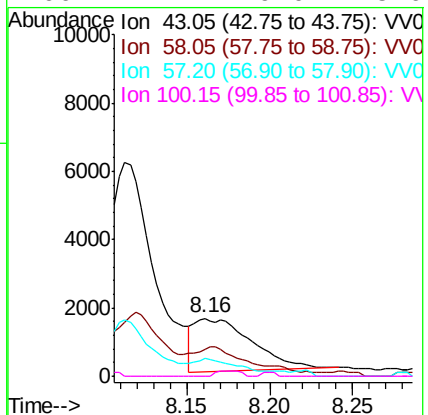
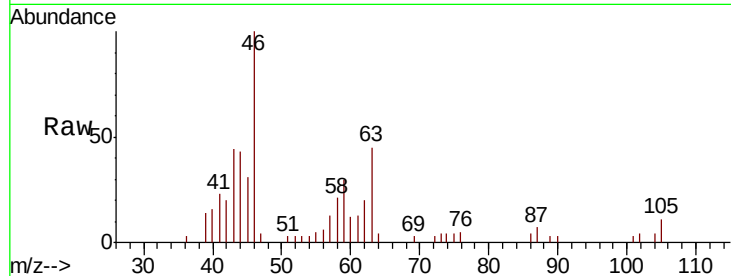




#48
2-Hexanone
Concen: 0.918 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. -0.00 min
Lab File: VV015918.D
Acq: 06 May 2020 18:27

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 3762
Ion Ratio Lower Upper
43 100
58 43.2 40.8 61.2
57 30.0 14.7 22.1#
100 4.2 9.0 13.6#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.366 ug/L
RT: 12.27 min Scan# 3478
Delta R.T. -0.18 min
Lab File: VV015918.D
Acq: 06 May 2020 18:27

Tgt Ion: 75 Resp: 434
Ion Ratio Lower Upper
75 100
155 0.0 58.2 87.4#
157 0.0 79.4 119.2#

