

Data File : VV011990.D
Acq On : 24 Jul 2019 02:50
Operator : SY/MD
Sample : K3958-07
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2A18

Quant Time: Jul 24 07:52:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 07:47:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	141095	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	136179	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	66914	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35393	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.59	69	28531	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.13	63	55093	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	3.94	46	106903	49.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.74%
24) Chloroform-d	4.40	84	92263	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	52876	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.10	84	187660	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	53602	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	169195	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.67	79	19843	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.14	63	85279	48.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37275	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	69338	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

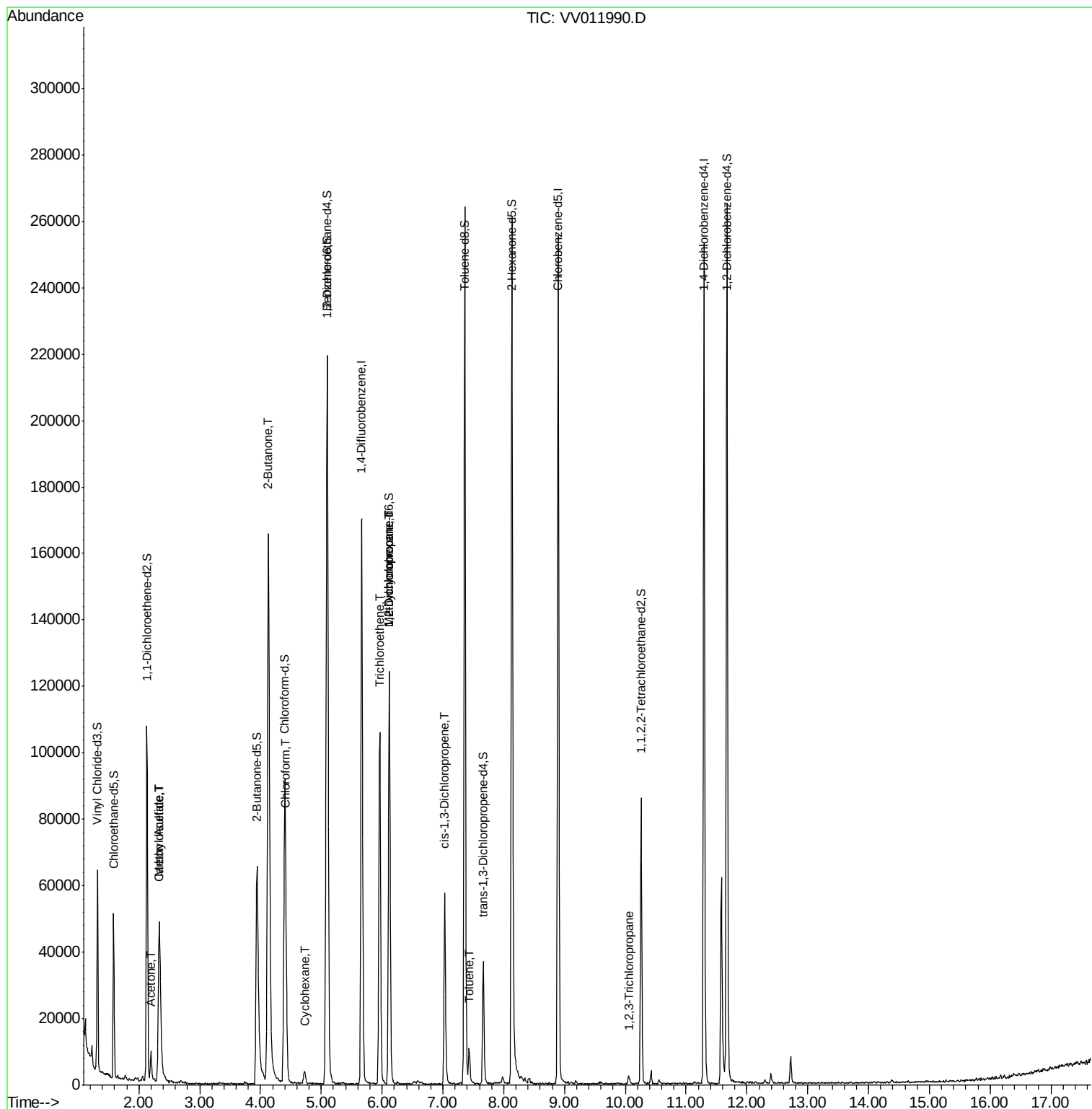
					Qvalue
13) Acetone	2.20	43	9299	8.048	ug/L 100
14) Carbon disulfide	2.32	76	3033	0.166	ug/L 99
15) Methyl Acetate	2.34	43	20138	7.983	ug/L # 45
21) 2-Butanone	4.13	43	260134	117.357	ug/L # 48
25) Chloroform	4.42	83	6220	0.292	ug/L 88
30) Cyclohexane	4.73	56	1992	0.121	ug/L # 86
34) Trichloroethene	5.96	95	35718	3.211	ug/L 96
35) Methylcyclohexane	6.12	83	13646	0.788	ug/L # 16
37) 1,2-Dichloropropane	6.12	63	6508	0.676	ug/L # 84
39) cis-1,3-Dichloropropene	7.03	75	1553	0.109	ug/L # 60
42) Toluene	7.43	91	7228	0.168	ug/L 98
59) 1,2,3-Trichloropropane	10.05	75	1376	0.245	ug/L # 42

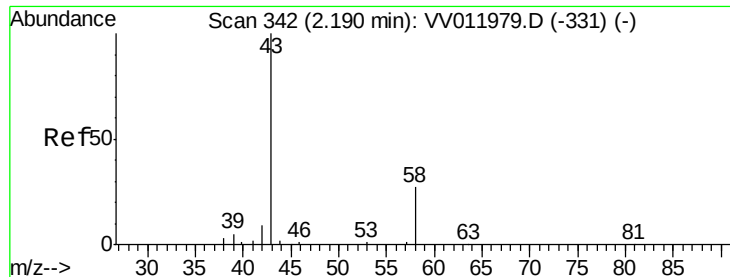
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.048 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV011990.D

Acq: 24 Jul 2019 02:50

Instrument :

MSVOA_V

ClientSampleId :

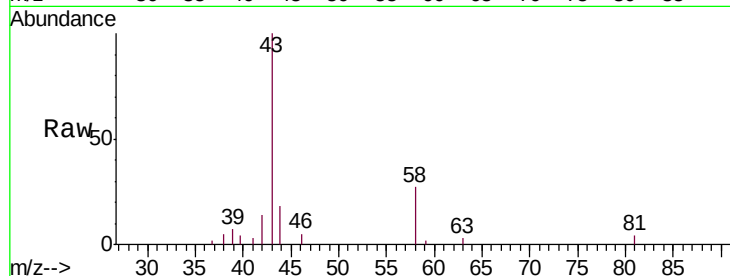
F2A18

Tgt Ion: 43 Resp: 9299

Ion Ratio Lower Upper

43 100

58 26.1 0.0 51.8



Abundance Ion 43.05 (42.75 to 43.75): VV011990.D (-249) (-)

Ion 58.05 (57.75 to 58.75): VV011990.D (-249) (-)

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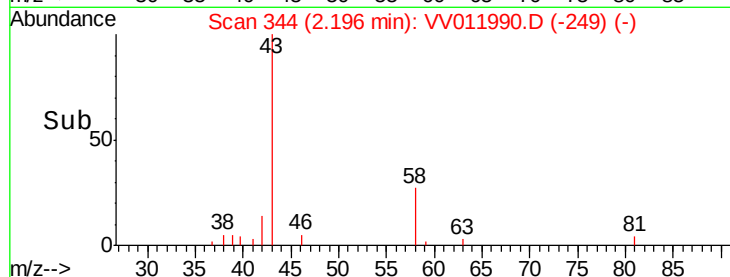
2.20

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Abundance Ion 76.05 (75.75 to 76.75): VV011979.D (-371) (-)

Ion 78.00 (77.70 to 78.70): VV011979.D (-371) (-)

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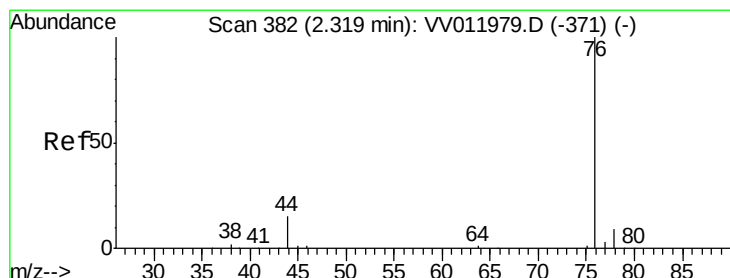
2.32

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#14

Carbon disulfide

Concen: 0.166 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV011990.D

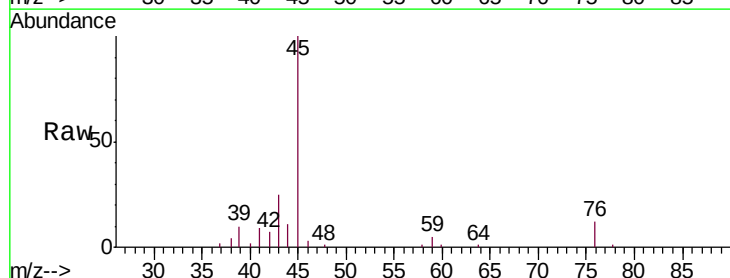
Acq: 24 Jul 2019 02:50

Tgt Ion: 76 Resp: 3033

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV011990.D (-289) (-)

Ion 78.00 (77.70 to 78.70): VV011990.D (-289) (-)

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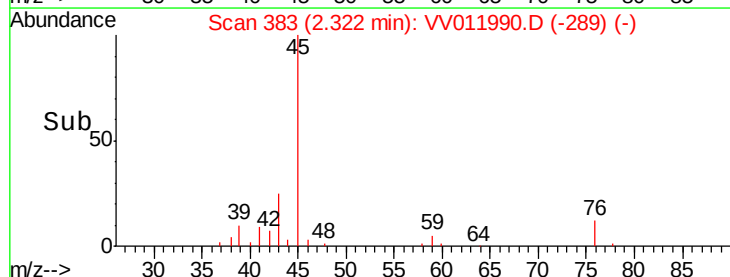
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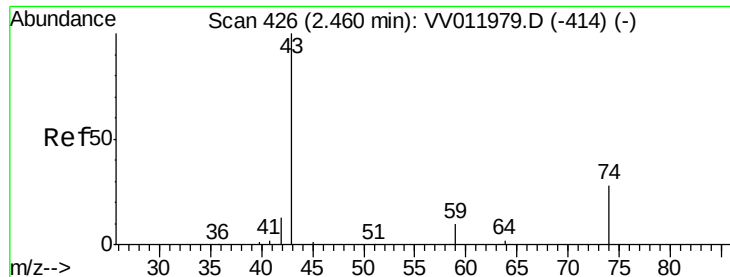
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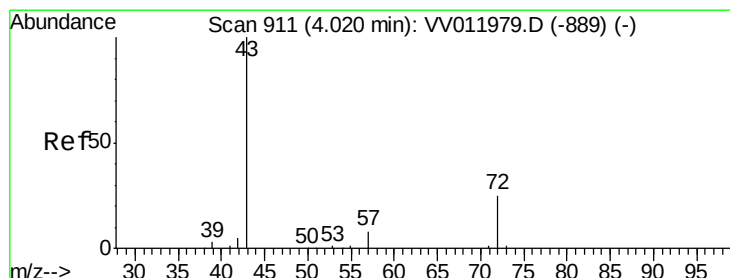
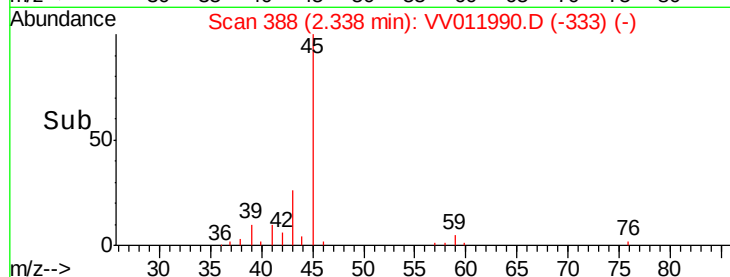
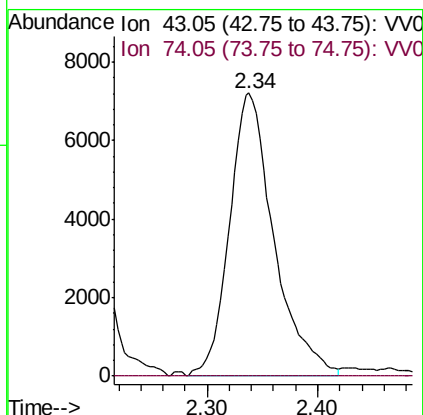
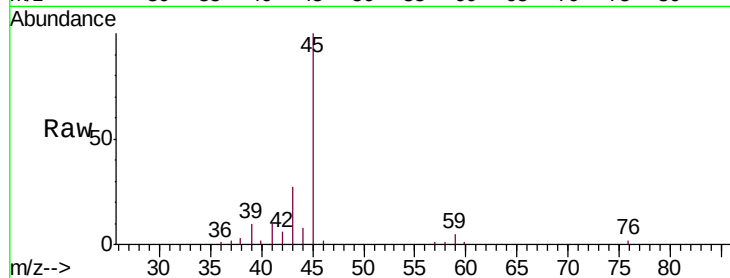




#15
Methyl Acetate
Concen: 7.983 ug/L
RT: 2.34 min Scan# 388
Delta R.T. -0.12 min
Lab File: VV011990.D
Acq: 24 Jul 2019 02:50

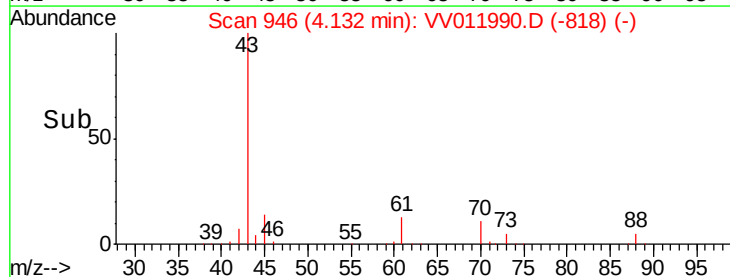
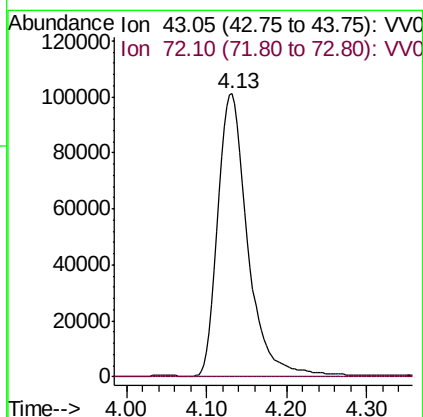
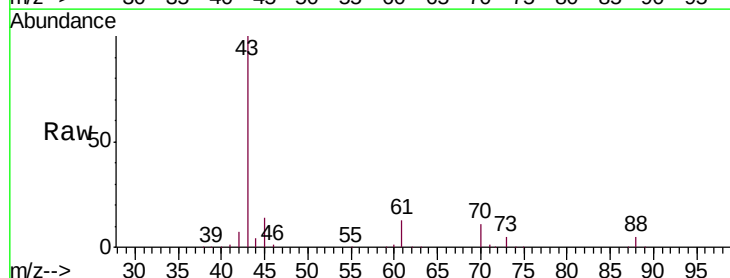
Instrument :
MSVOA_V
ClientSampleId :
F2A18

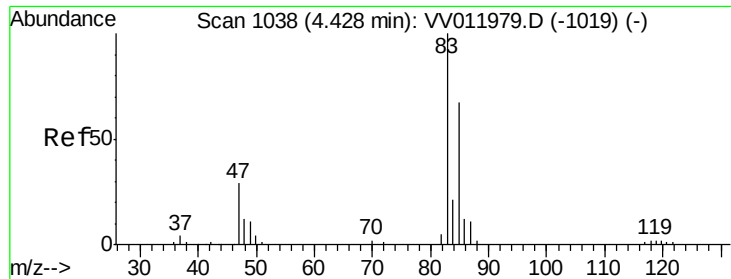
Tgt Ion: 43 Resp: 20138
Ion Ratio Lower Upper
43 100
74 0.0 23.4 35.2#



#21
2-Butanone
Concen: 117.357 ug/L
RT: 4.13 min Scan# 946
Delta R.T. 0.11 min
Lab File: VV011990.D
Acq: 24 Jul 2019 02:50

Tgt Ion: 43 Resp: 260134
Ion Ratio Lower Upper
43 100
72 0.0 13.6 40.8#

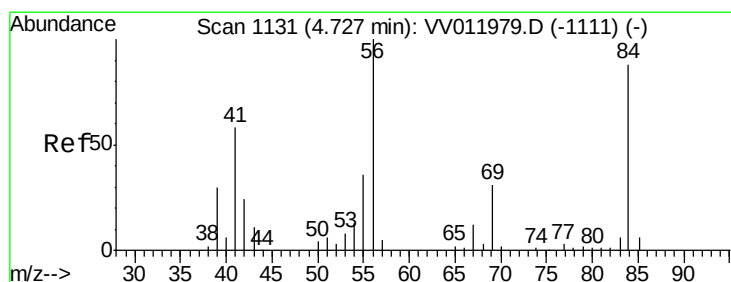
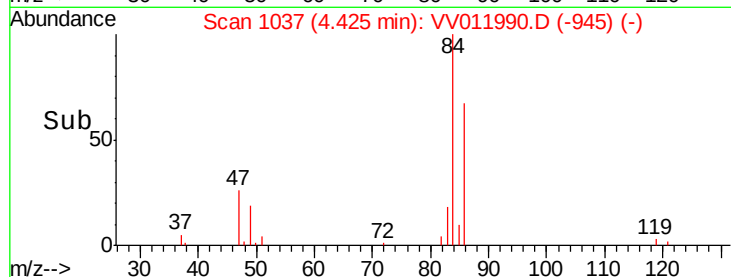
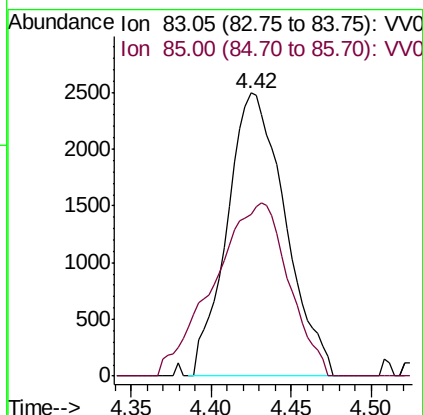
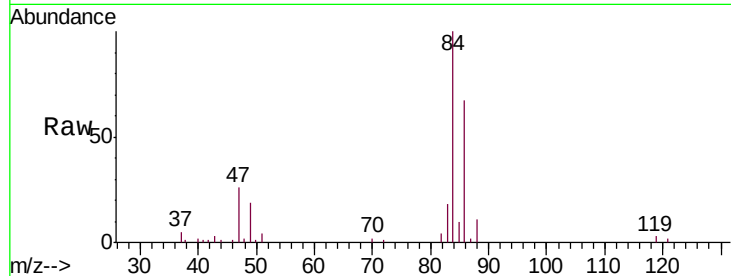




#25
Chloroform
Concen: 0.292 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV011990.D
Acq: 24 Jul 2019 02:50

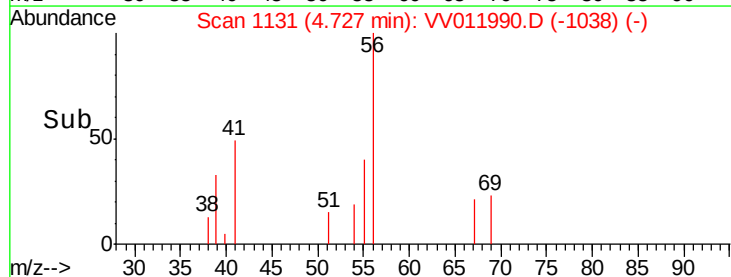
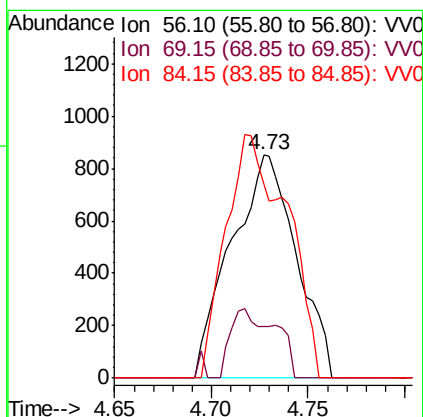
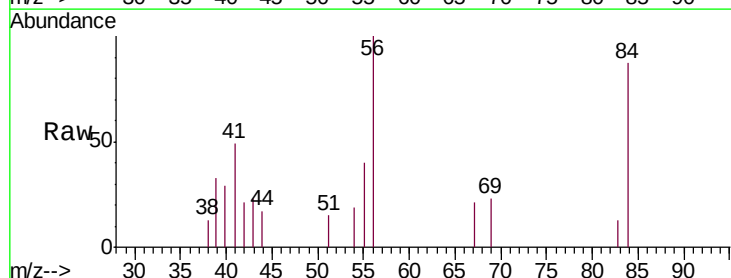
Instrument :
MSVOA_V
ClientSampled :
F2A18

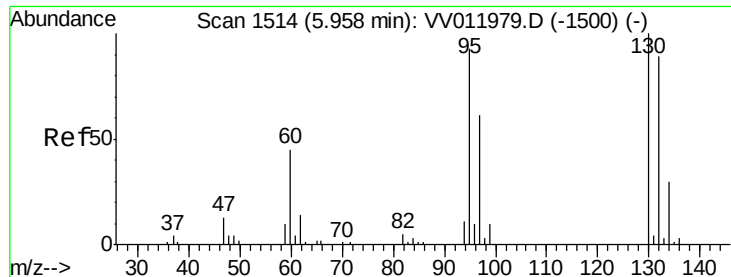
Tgt Ion: 83 Resp: 6220
Ion Ratio Lower Upper
83 100
85 57.2 46.5 86.3



#30
Cyclohexane
Concen: 0.121 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VV011990.D
Acq: 24 Jul 2019 02:50

Tgt Ion: 56 Resp: 1992
Ion Ratio Lower Upper
56 100
69 21.2 25.4 38.2#
84 102.8 73.4 110.0

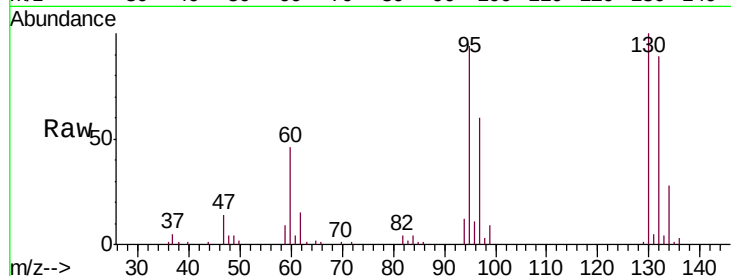




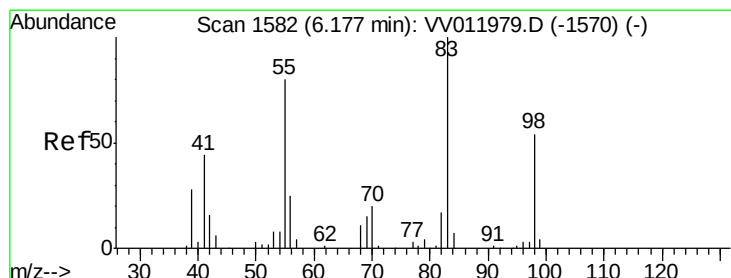
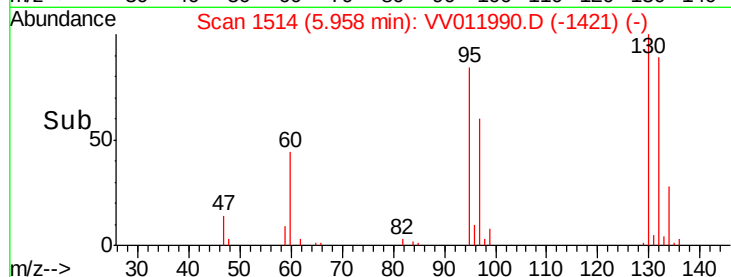
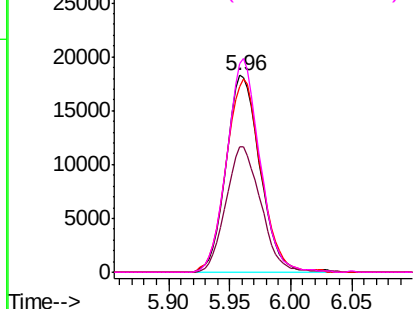
#34
 Trichloroethene
 Concen: 3.211 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV011990.D
 Acq: 24 Jul 2019 02:50

Instrument :
 MSVOA_V
 ClientSampleId :
 F2A18

Tgt Ion: 95 Resp: 35718
 Ion Ratio Lower Upper
 95 100
 97 63.8 45.6 84.6
 132 94.4 71.3 132.3
 130 105.8 72.8 135.2

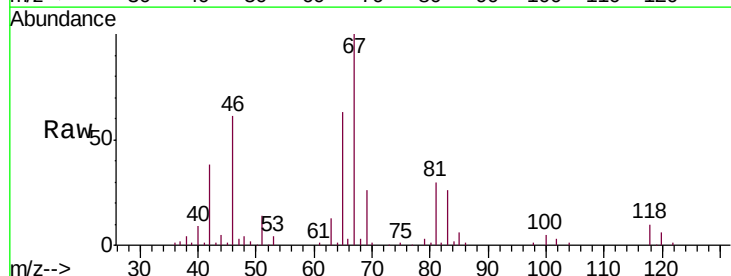


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

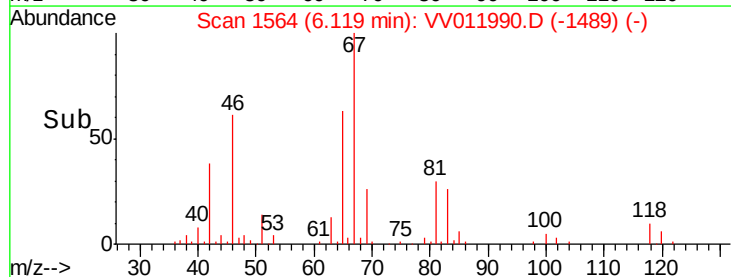
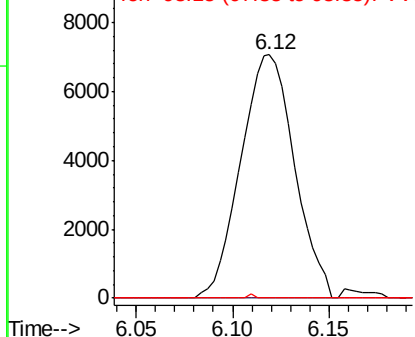


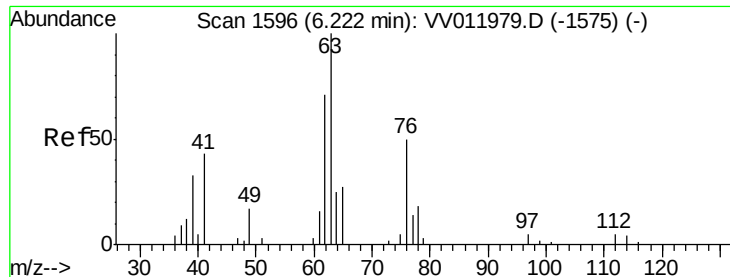
#35
 Methylcyclohexane
 Concen: 0.788 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.06 min
 Lab File: VV011990.D
 Acq: 24 Jul 2019 02:50

Tgt Ion: 83 Resp: 13646
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.0 94.4#
 98 0.0 41.4 62.0#



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

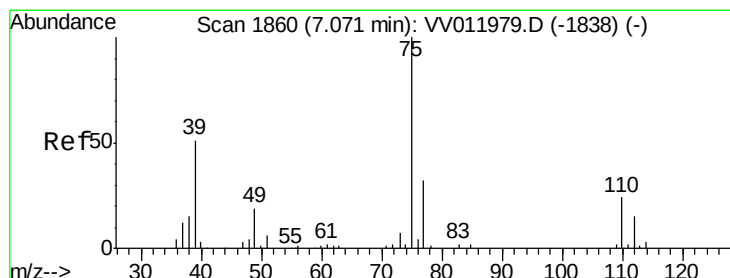
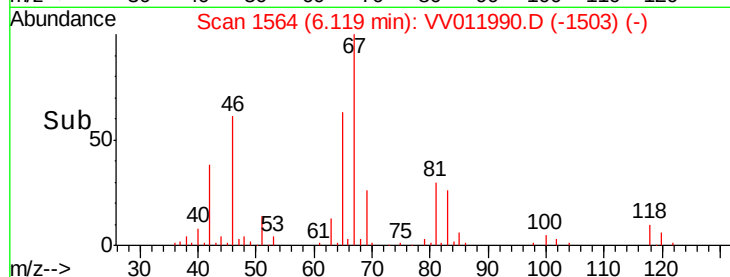
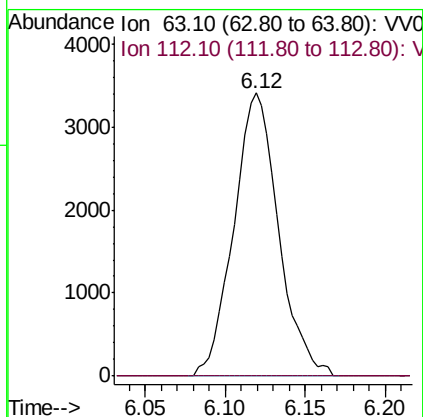
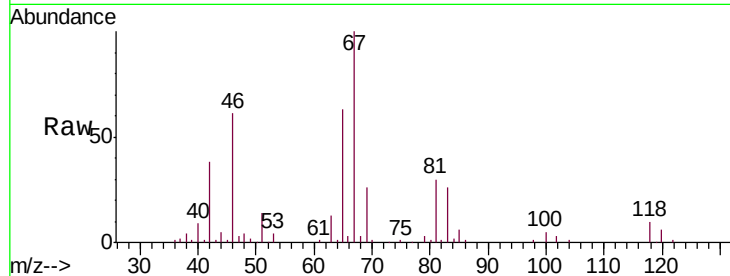




#37
 1,2-Dichloropropane
 Concen: 0.676 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV011990.D
 Acq: 24 Jul 2019 02:50

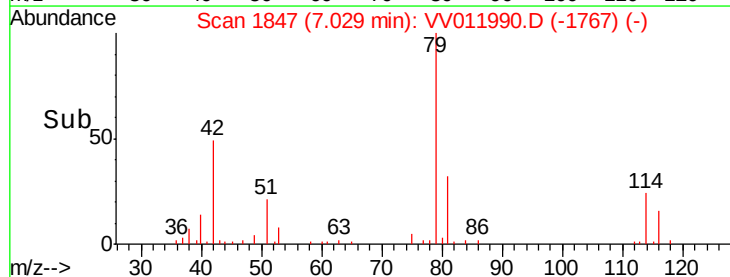
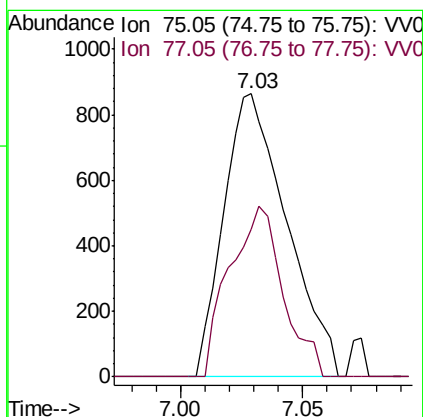
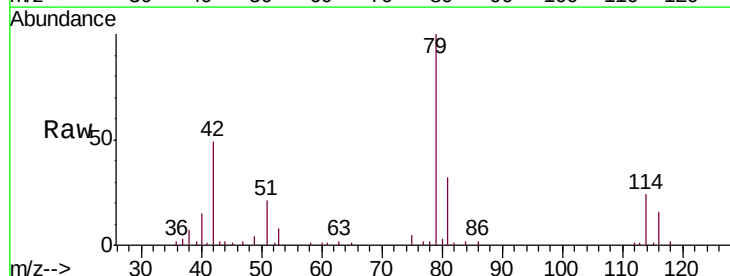
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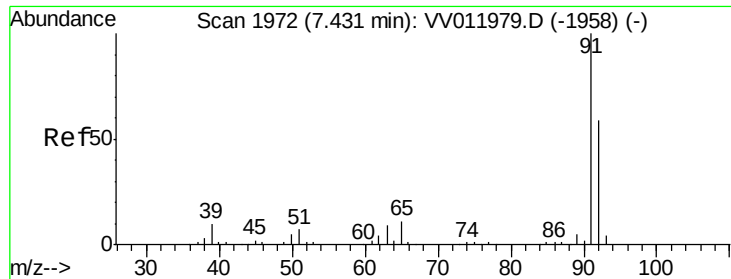
Tgt Ion: 63 Resp: 6508
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011990.D
 Acq: 24 Jul 2019 02:50

Tgt Ion: 75 Resp: 1553
 Ion Ratio Lower Upper
 75 100
 77 52.1 21.3 39.6#





#42

Toluene

Concen: 0.168 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV011990.D

Acq: 24 Jul 2019 02:50

Instrument :

MSVOA_V

ClientSampleId :

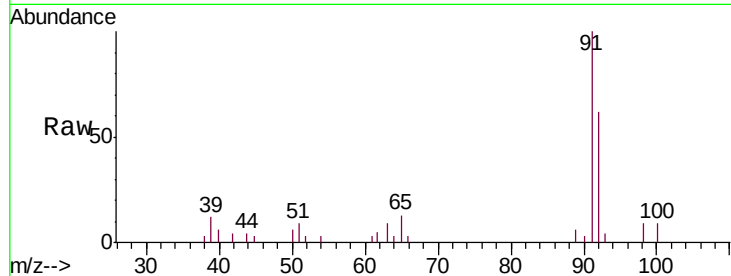
F2A18

Tgt Ion: 91 Resp: 7228

Ion Ratio Lower Upper

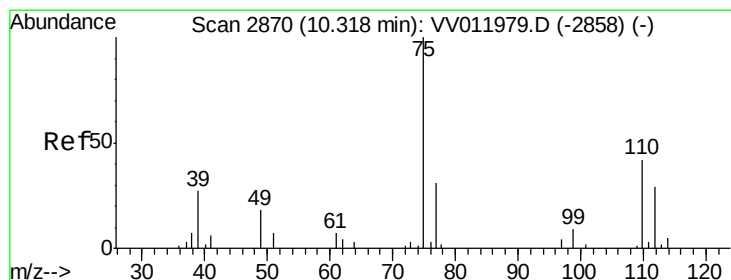
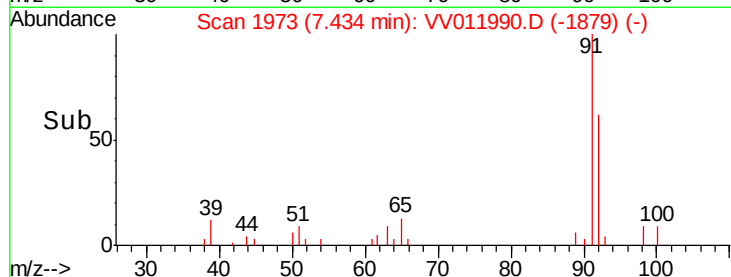
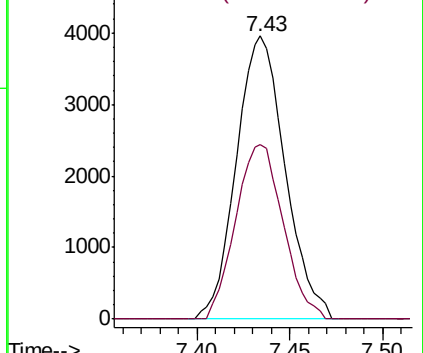
91 100

92 61.5 41.9 77.9



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#59

1,2,3-Trichloropropane

Concen: 0.245 ug/L

RT: 10.05 min Scan# 2788

Delta R.T. -0.26 min

Lab File: VV011990.D

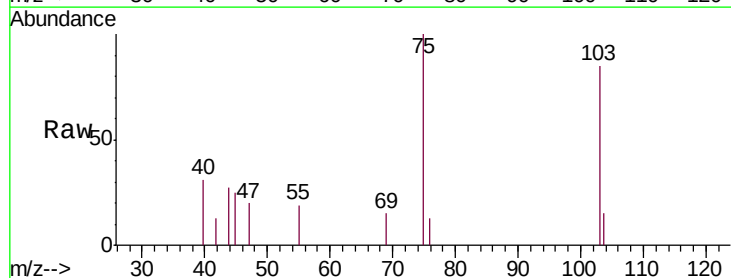
Acq: 24 Jul 2019 02:50

Tgt Ion: 75 Resp: 1376

Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

