

Data File : VV011988.D
Acq On : 24 Jul 2019 01:58
Operator : SY/MD
Sample : K3958-05
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2A16

Quant Time: Jul 24 07:52:08 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	5.67	114	144705	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	136089	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	68132	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33926	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.59	69	27235	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.14	63	54881	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.94	46	104647	47.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.20%
24) Chloroform-d	4.40	84	89615	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.08	65	51067	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.10	84	182231	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.12	67	51688	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.36	98	163242	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.66	79	18730	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.13	63	83073	46.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36608	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	66988	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

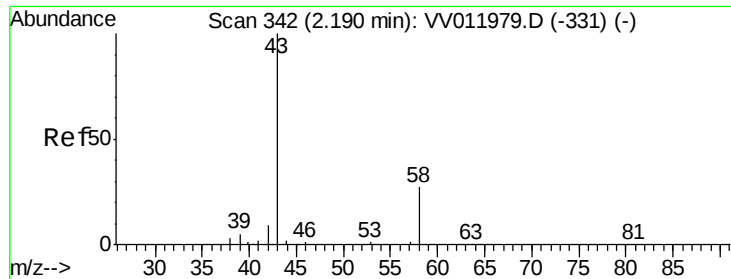
Target Compounds

					Qvalue
13) Acetone	2.20	43	12236	10.325	ug/L 99
14) Carbon disulfide	2.32	76	1618	0.086	ug/L 96
15) Methyl Acetate	2.32	43	15375	5.943	ug/L # 45
21) 2-Butanone	4.13	43	172558	75.906	ug/L # 48
22) cis-1,2-Dichloroethene	3.97	96	1242	0.113	ug/L 85
25) Chloroform	4.43	83	4677	0.214	ug/L 97
34) Trichloroethene	5.96	95	7449	0.670	ug/L 98
35) Methylcyclohexane	6.12	83	13529	0.782	ug/L # 17
37) 1,2-Dichloropropane	6.12	63	6615	0.687	ug/L # 85
39) cis-1,3-Dichloropropene	7.03	75	1322	0.093	ug/L # 46
59) 1,2,3-Trichloropropane	10.06	75	746	0.133	ug/L # 42

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

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#13

Acetone

Concen: 10.325 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

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MSVOA_V

ClientSampleId :

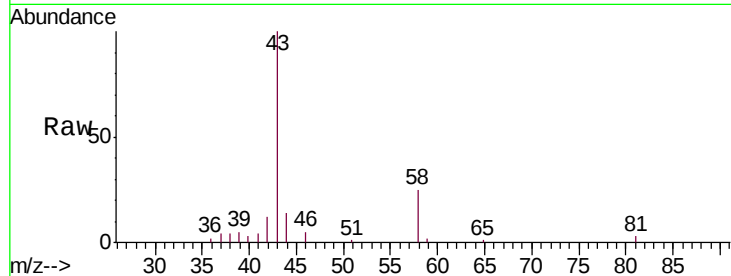
F2A16

Tgt Ion: 43 Resp: 12236

Ion Ratio Lower Upper

43 100

58 25.3 0.0 51.8



Abundance Ion 43.05 (42.75 to 43.75): VV011979.D (-331) (-)

Ion 58.05 (57.75 to 58.75): VV011979.D (-331) (-)

2.20

6000

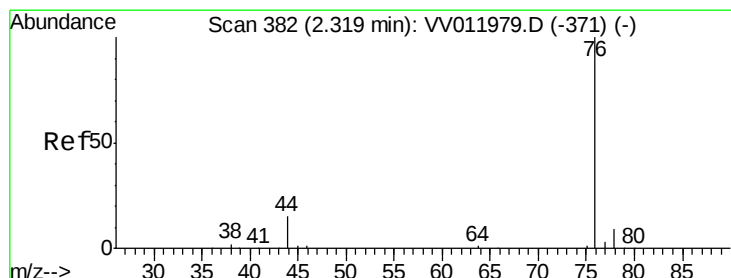
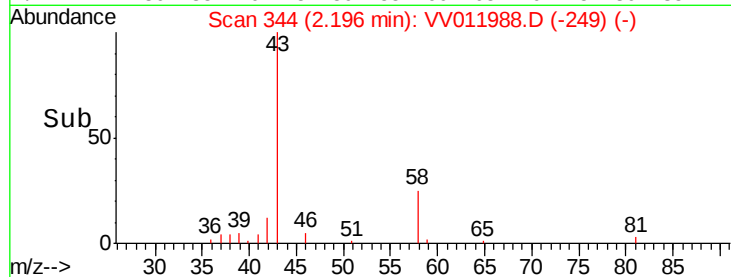
4000

2000

0

Time-->

2.10 2.15 2.20 2.25



#14

Carbon disulfide

Concen: 0.086 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV011988.D

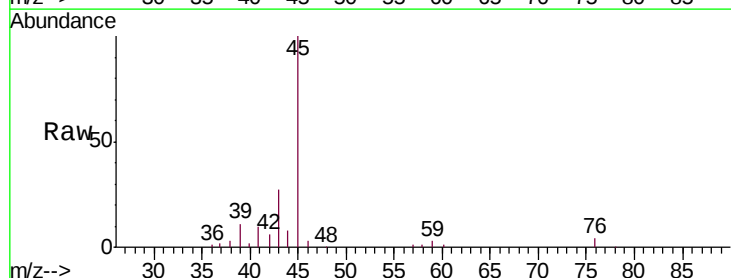
Acq: 24 Jul 2019 01:58

Tgt Ion: 76 Resp: 1618

Ion Ratio Lower Upper

76 100

78 10.7 7.3 10.9



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

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

2.32

1200

1000

800

600

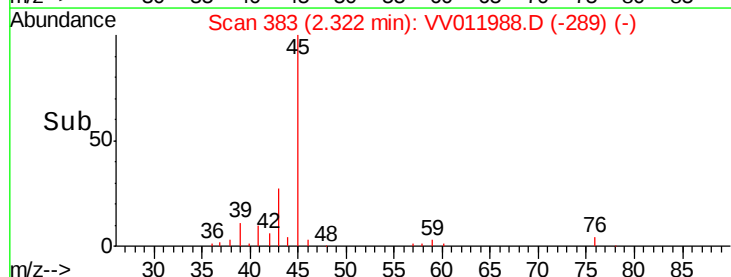
400

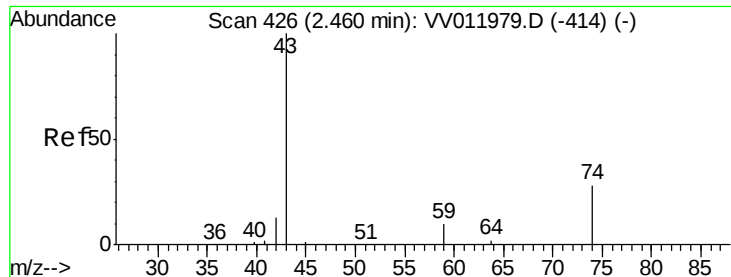
200

0

Time-->

2.30 2.35





#15

Methyl Acetate

Concen: 5.943 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.14 min

Lab File: VV011988.D

Acq: 24 Jul 2019 01:58

Instrument :

MSVOA_V

ClientSampled :

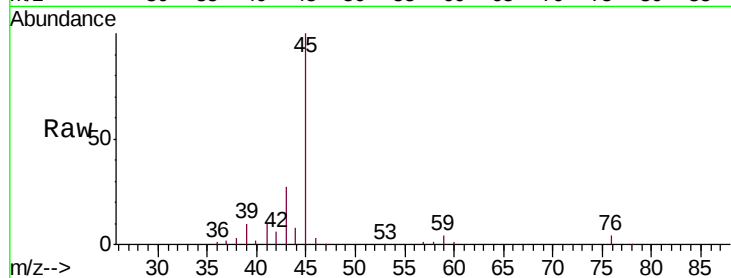
F2A16

Tgt Ion: 43 Resp: 15375

Ion Ratio Lower Upper

43 100

74 0.0 23.4 35.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.32

8000

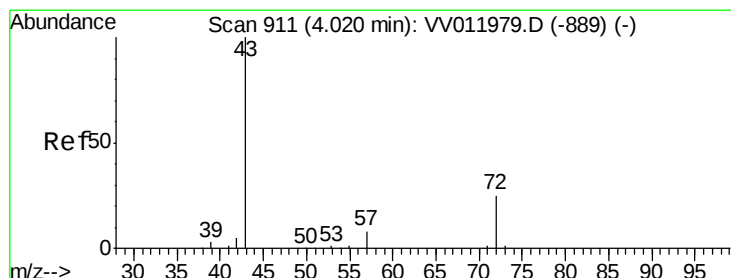
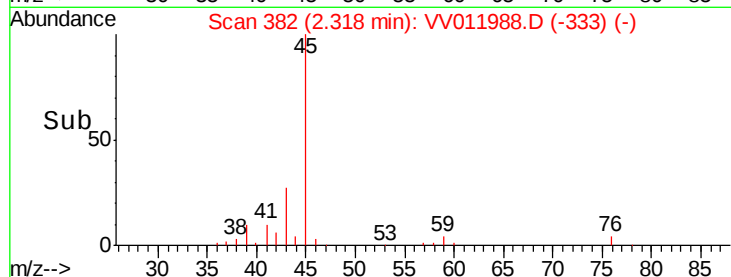
6000

4000

2000

0

Time--> 2.20 2.30 2.40



#21

2-Butanone

Concen: 75.906 ug/L

RT: 4.13 min Scan# 946

Delta R.T. 0.11 min

Lab File: VV011988.D

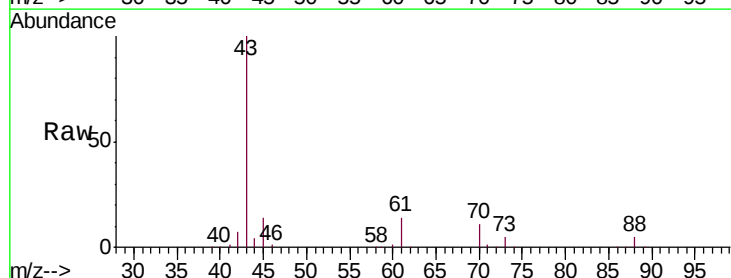
Acq: 24 Jul 2019 01:58

Tgt Ion: 43 Resp: 172558

Ion Ratio Lower Upper

43 100

72 0.0 13.6 40.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

4.13

80000

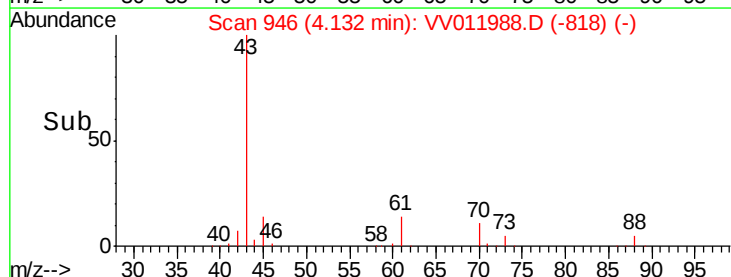
60000

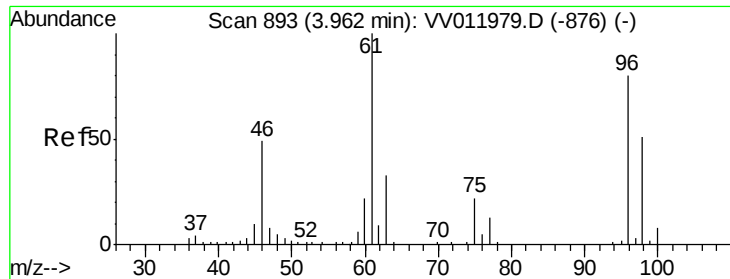
40000

20000

0

Time--> 4.00 4.10 4.20



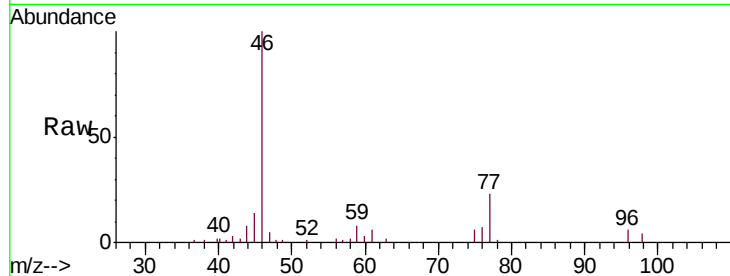


#22

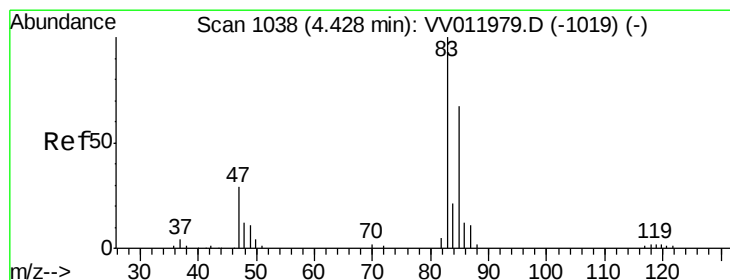
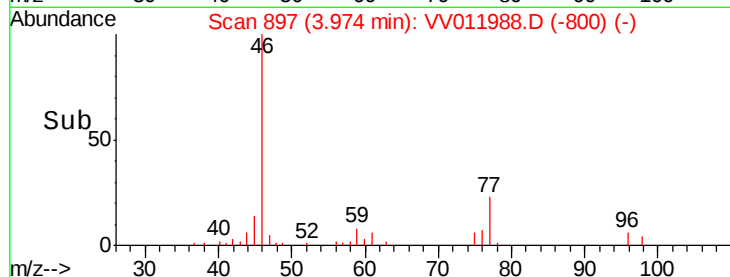
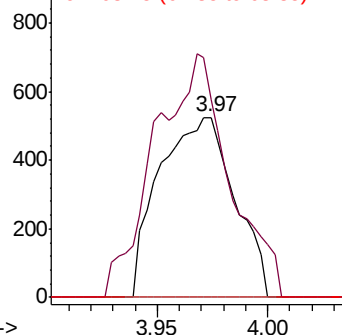
cis-1,2-Dichloroethene
Concen: 0.113 ug/L
RT: 3.97 min Scan# 897
Delta R.T. 0.01 min
Lab File: VV011988.D
Acq: 24 Jul 2019 01:58

Instrument :
MSVOA_V
ClientSampleId :
F2A16

Tgt Ion: 96 Resp: 1242
Ion Ratio Lower Upper
96 100
61 109.9 89.0 165.2
68 0.0 0.0 0.0



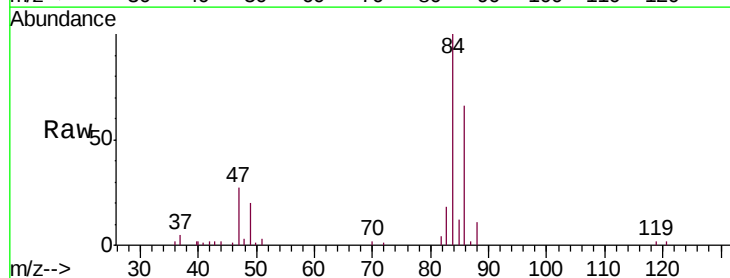
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



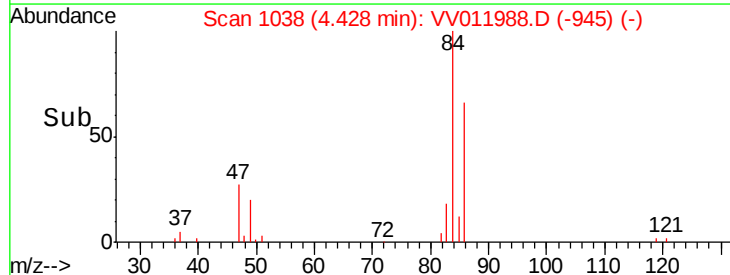
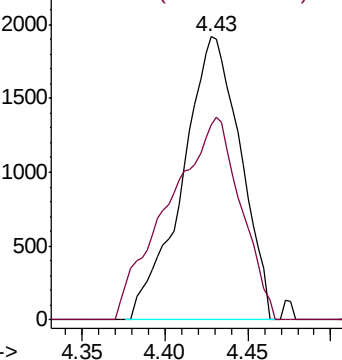
#25

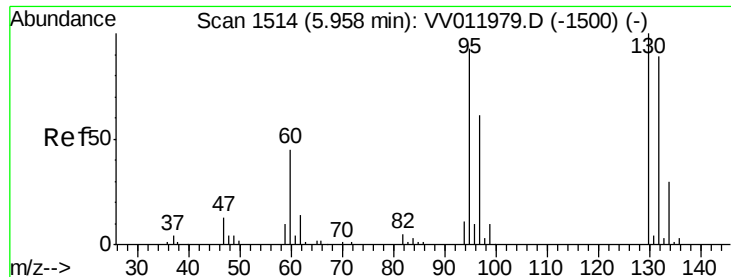
Chloroform
Concen: 0.214 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV011988.D
Acq: 24 Jul 2019 01:58

Tgt Ion: 83 Resp: 4677
Ion Ratio Lower Upper
83 100
85 68.8 46.5 86.3



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

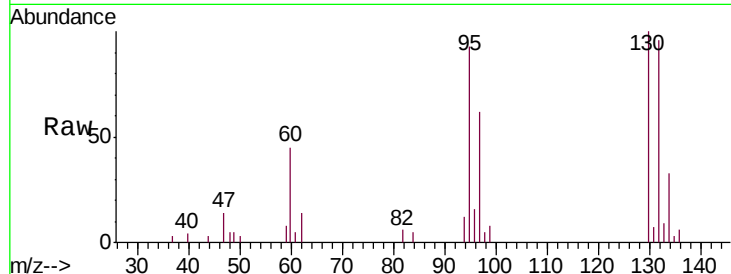




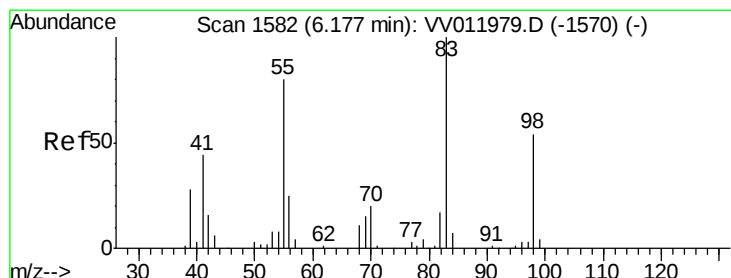
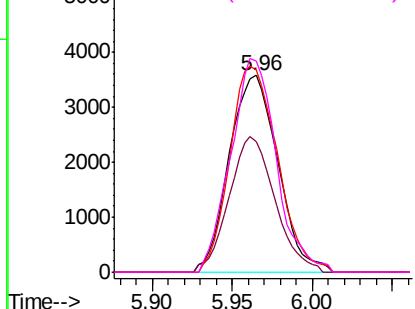
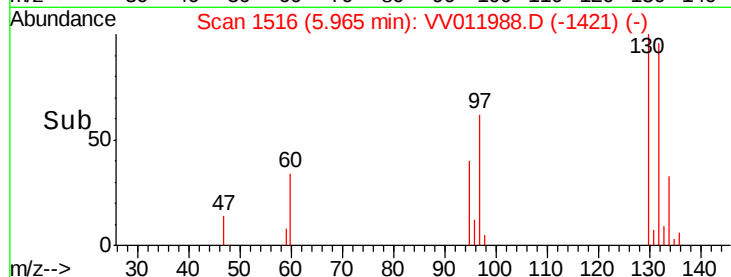
#34
 Trichloroethene
 Concen: 0.670 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: VV011988.D
 Acq: 24 Jul 2019 01:58

Instrument :
 MSVOA_V
 ClientSampleId :
 F2A16

Tgt Ion: 95 Resp: 7449
 Ion Ratio Lower Upper
 95 100
 97 66.3 45.6 84.6
 132 102.8 71.3 132.3
 130 107.3 72.8 135.2

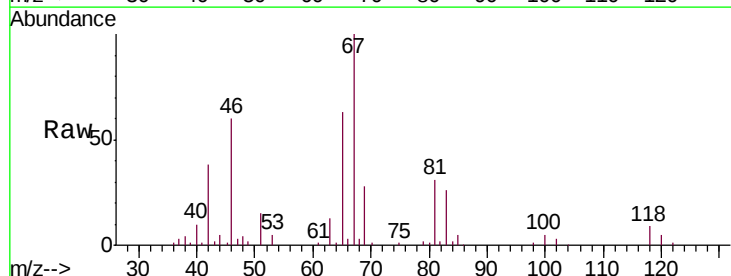


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

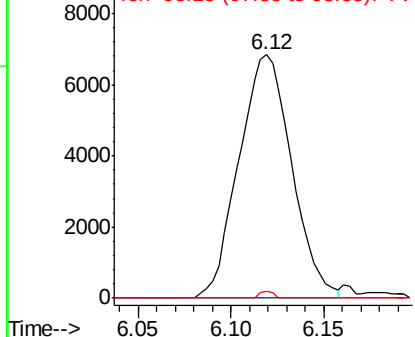
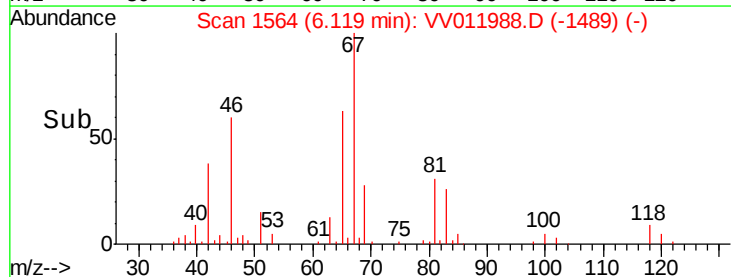


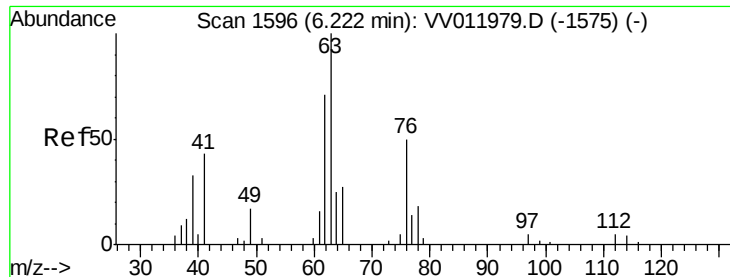
#35
 Methylcyclohexane
 Concen: 0.782 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.06 min
 Lab File: VV011988.D
 Acq: 24 Jul 2019 01:58

Tgt Ion: 83 Resp: 13529
 Ion Ratio Lower Upper
 83 100
 55 0.1 63.0 94.4#
 98 0.7 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

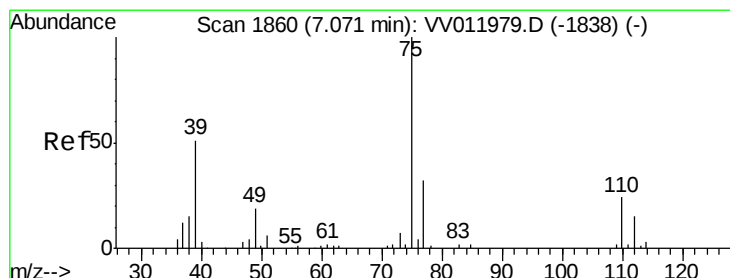
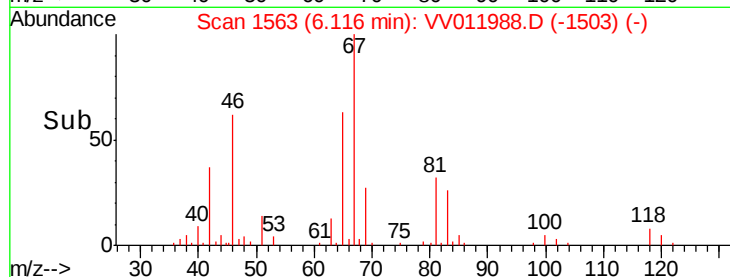
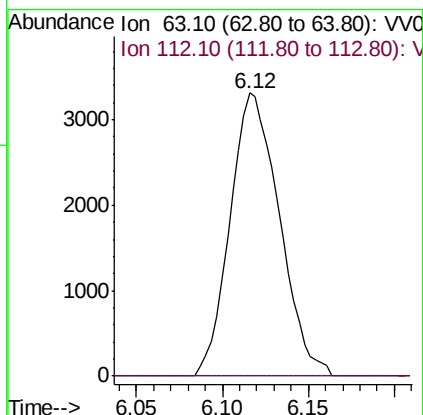
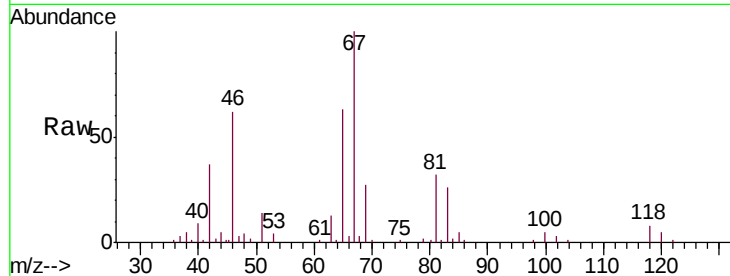




#37
 1,2-Dichloropropane
 Concen: 0.687 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV011988.D
 Acq: 24 Jul 2019 01:58

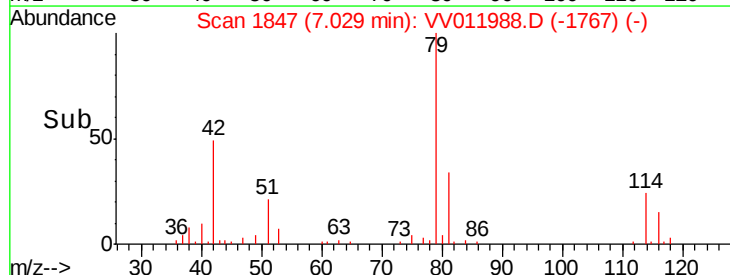
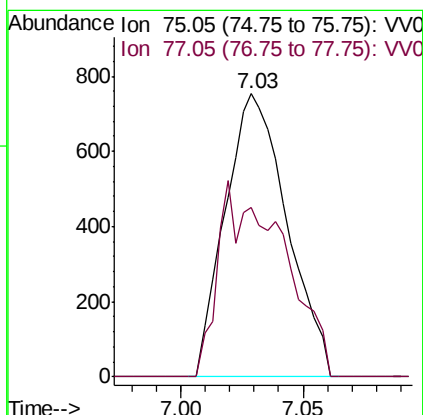
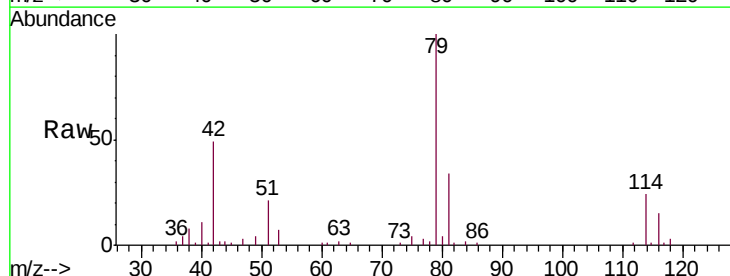
Instrument :
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 F2A16

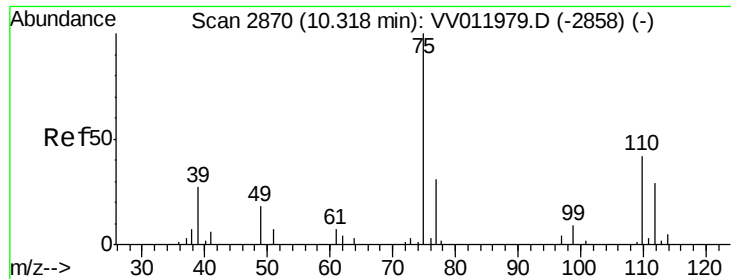
Tgt Ion: 63 Resp: 6615
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.2 6.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011988.D
 Acq: 24 Jul 2019 01:58

Tgt Ion: 75 Resp: 1322
 Ion Ratio Lower Upper
 75 100
 77 59.8 21.3 39.6#





#59

1,2,3-Trichloropropane

Concen: 0.133 ug/L

RT: 10.06 min Scan# 2790

Delta R.T. -0.26 min

Lab File: VV011988.D

Acq: 24 Jul 2019 01:58

Instrument :

MSVOA_V

ClientSampleId :

F2A16

Tgt Ion: 75 Resp: 746

Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#

