

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071620\
 Data File : VU039524.D
 Acq On : 16 Jul 2020 15:19
 Operator : SY/MD
 Sample : L3292-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFTA1

Quant Time: Jul 17 01:10:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 01:06:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	86135	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	80310	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	39614	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	23774	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.92	69	26316	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.58	63	37011	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.65	46	103449	45.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.58%
24) Chloroform-d	5.09	84	52097	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	34783	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.75	84	104679	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.71	67	35957	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.91	98	91089	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
43) trans-1,3-Dichloropropene-	8.19	79	13670	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.64	63	76260	42.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.72%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	31106	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	37848	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

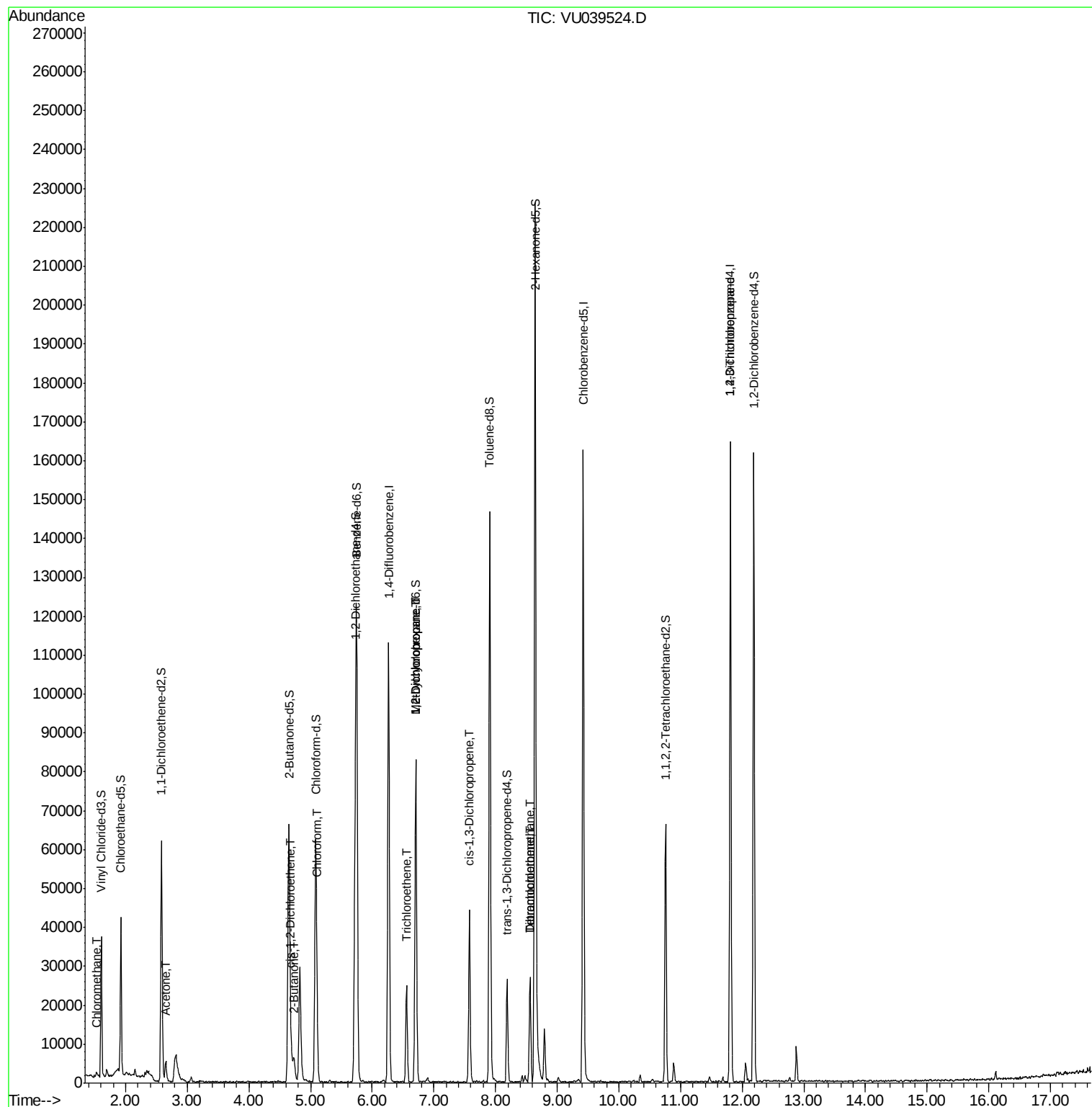
					Ovalue
3) Chloromethane	1.53	50	776	0.123 ug/L	97
13) Acetone	2.65	43	7003	5.680 ug/L	100
21) 2-Butanone	4.73	43	7772	3.532 ug/L	82
22) cis-1,2-Dichloroethene	4.69	96	735	0.116 ug/L	82
25) Chloroform	5.11	83	3766	0.336 ug/L	97
34) Trichloroethene	6.56	95	7662	1.234 ug/L	94
35) Methylcyclohexane	6.70	83	7929	0.797 ug/L #	20
37) 1,2-Dichloropropane	6.70	63	4469	0.683 ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1181	0.119 ug/L #	64
47) Tetrachloroethene	8.56	164	5137	1.190 ug/L	88
49) Dibromochloromethane	8.56	129	5154	0.905 ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6521	1.352 ug/L	91

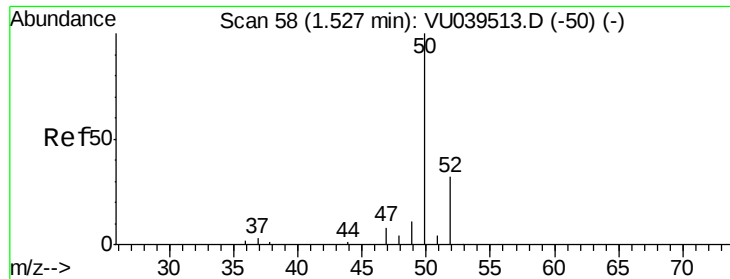
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 17 01:06:47 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.123 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU039524.D

Acq: 16 Jul 2020 15:19

Instrument :

MSVOA_U

ClientSampleId :

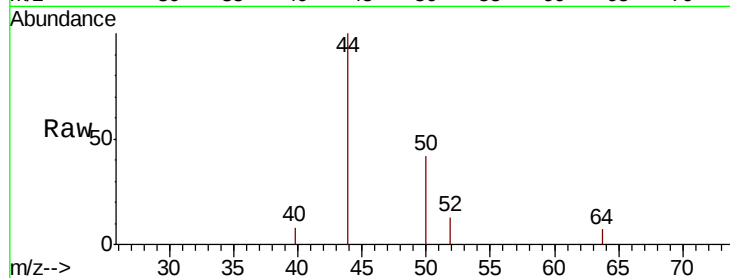
BFTA1

Tot Ion: 50 Resp: 776

Ion Ratio Lower Upper

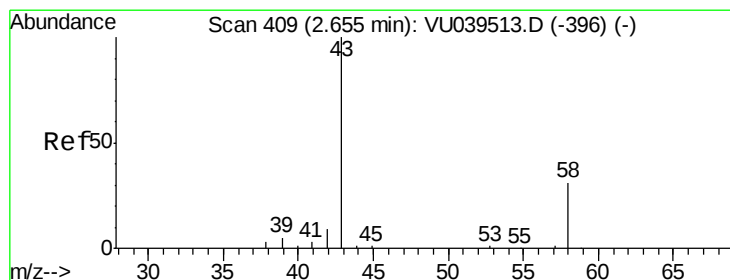
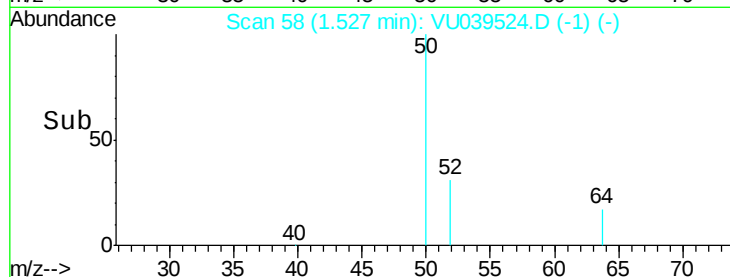
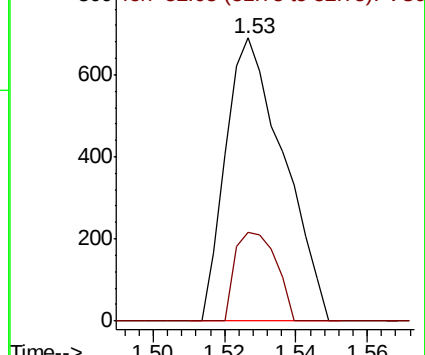
50 100

52 31.3 23.0 42.8



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 5.680 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.01 min

Lab File: VU039524.D

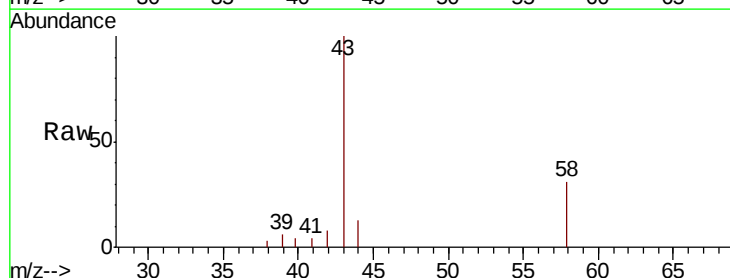
Acq: 16 Jul 2020 15:19

Tgt Ion: 43 Resp: 7003

Ion Ratio Lower Upper

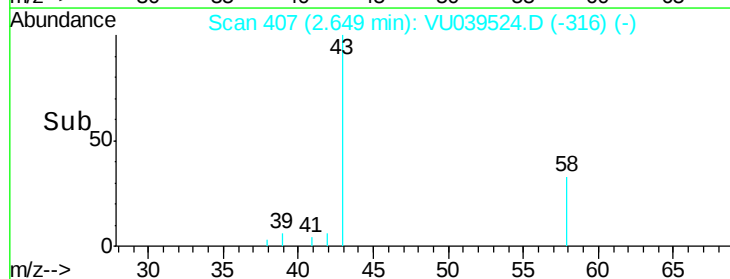
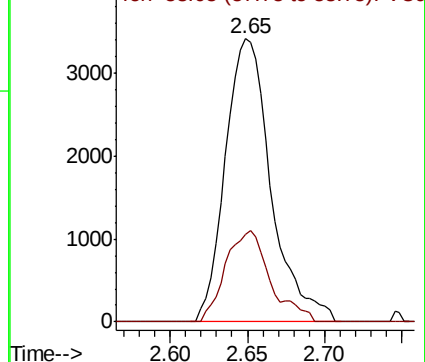
43 100

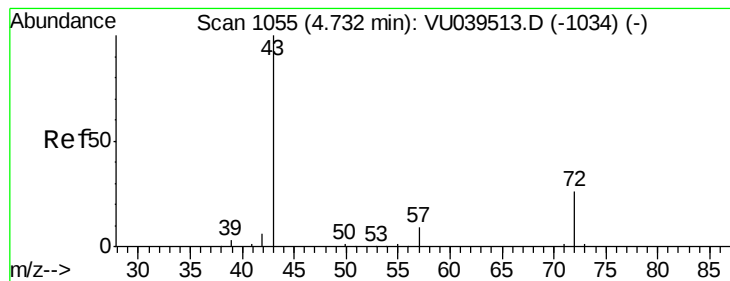
58 31.5 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#21

2-Butanone

Concen: 3.532 ug/L

RT: 4.73 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VU039524.D

Acq: 16 Jul 2020 15:19

Instrument :

MSVOA_U

ClientSampled :

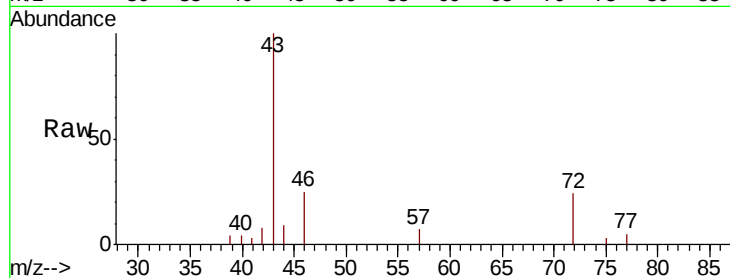
BFTA1

Tot Ion: 43 Resp: 7772

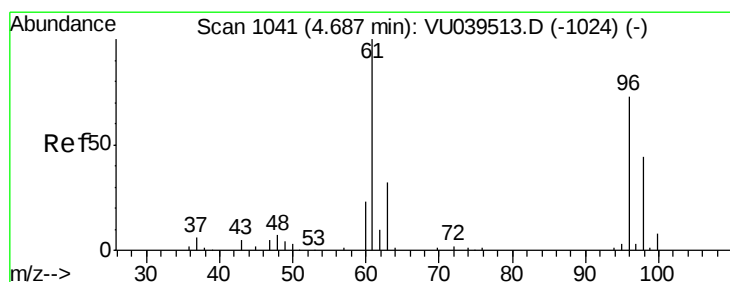
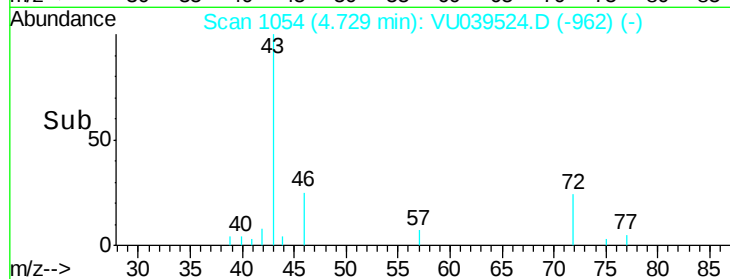
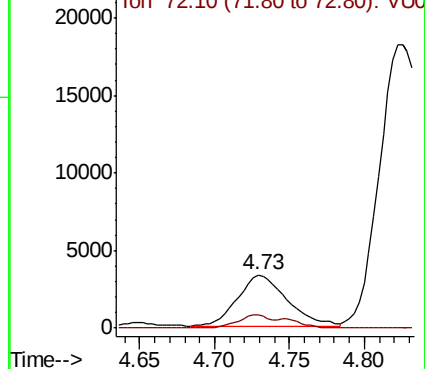
Ion Ratio Lower Upper

43 100

72 17.2 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VU039513.D (-1034) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.116 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. -0.00 min

Lab File: VU039524.D

Acq: 16 Jul 2020 15:19

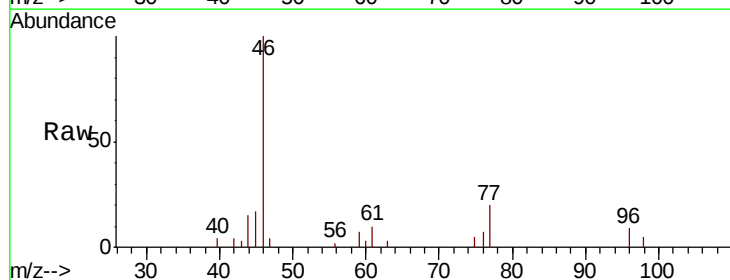
Tgt Ion: 96 Resp: 735

Ion Ratio Lower Upper

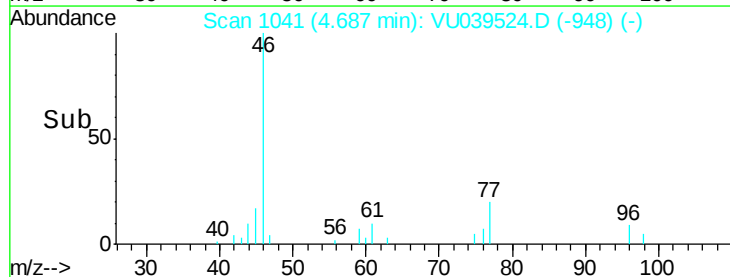
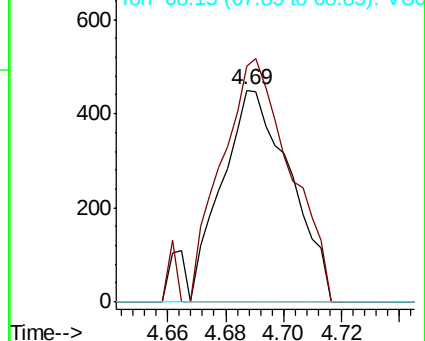
96 100

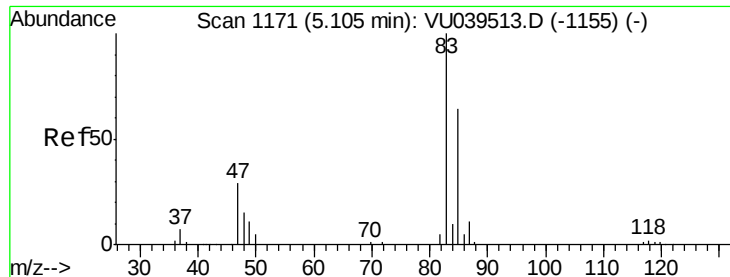
61 111.3 92.8 172.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039513.D (-1024) (-)

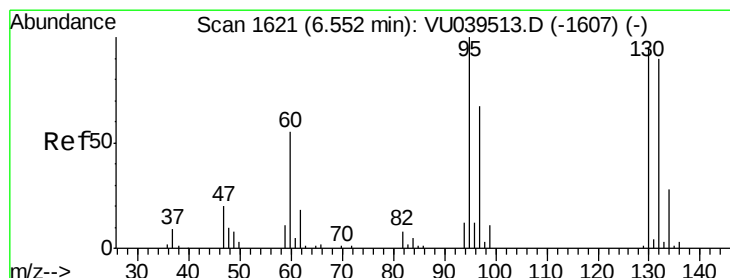
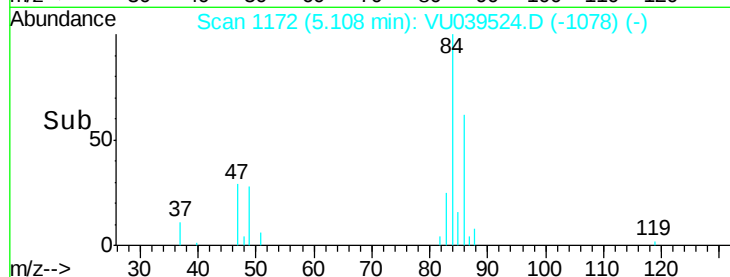
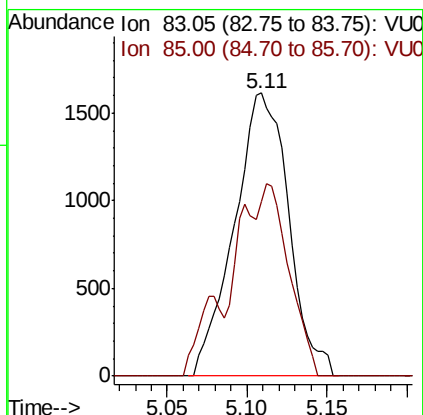
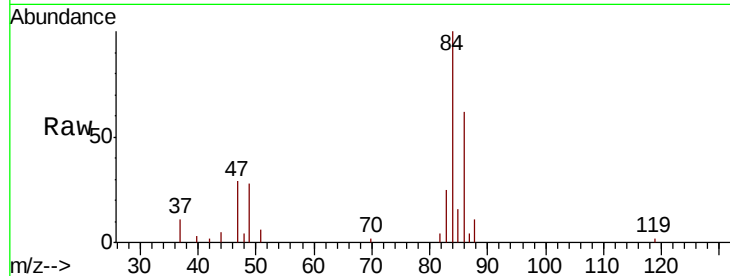




#25
Chloroform
Concen: 0.336 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039524.D
Acq: 16 Jul 2020 15:19

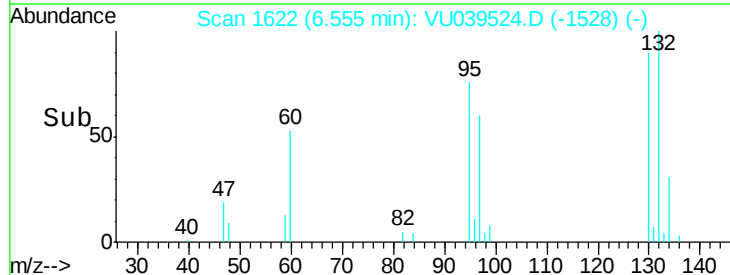
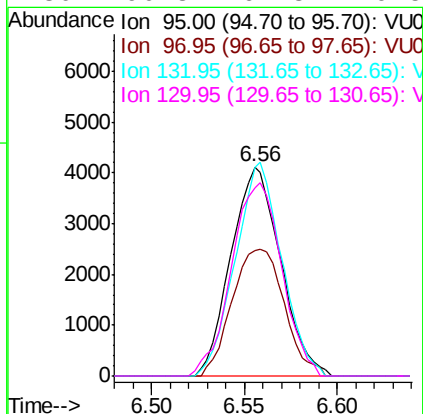
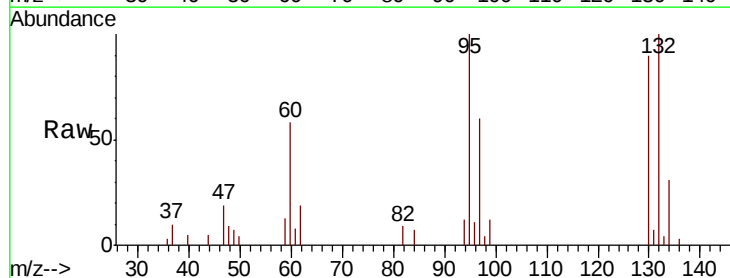
Instrument :
MSVOA_U
ClientSampleId :
BFTA1

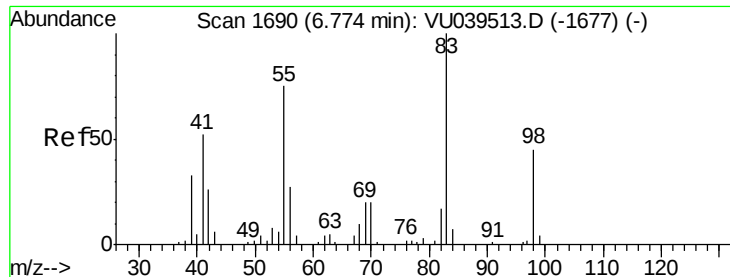
Tot Ion: 83 Resp: 3766
Ion Ratio Lower Upper
83 100
85 61.7 44.9 83.5



#34
Trichloroethene
Concen: 1.234 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU039524.D
Acq: 16 Jul 2020 15:19

Tgt Ion: 95 Resp: 7662
Ion Ratio Lower Upper
95 100
97 60.0 46.3 85.9
132 99.8 64.0 118.8
130 90.3 64.3 119.5

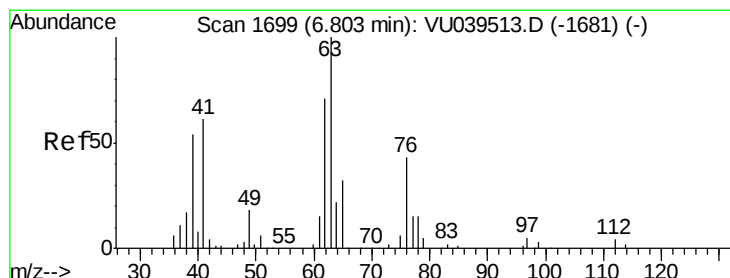
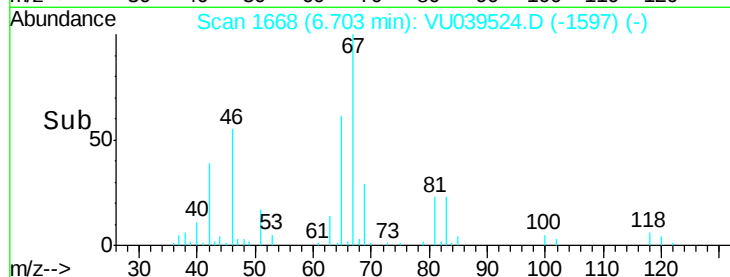
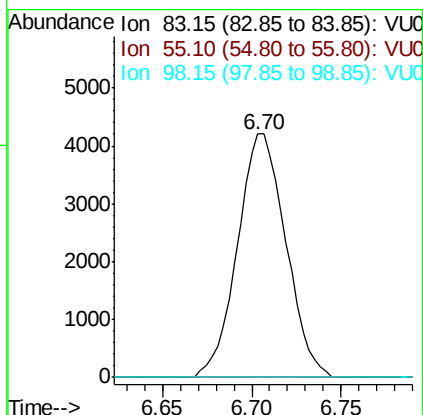
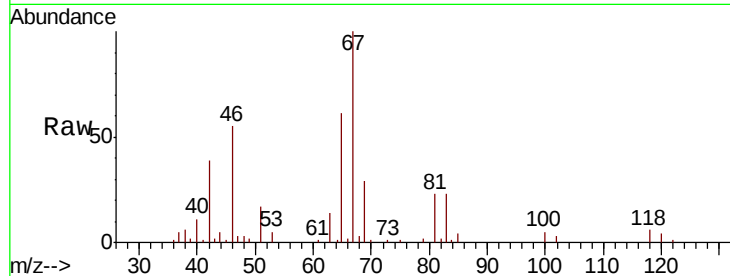




#35
Methvlcvclohexane
Concen: 0.797 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039524.D
Acq: 16 Jul 2020 15:19

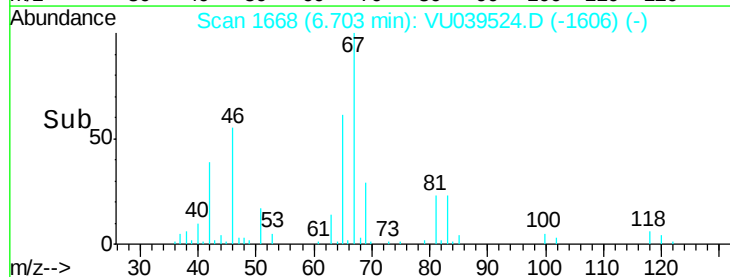
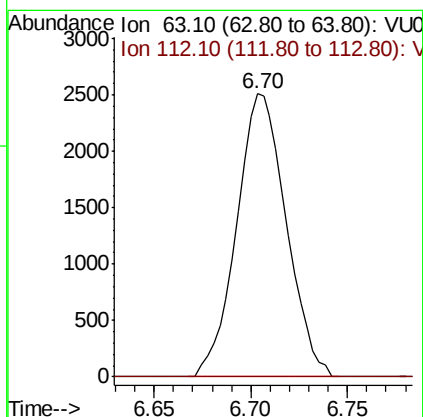
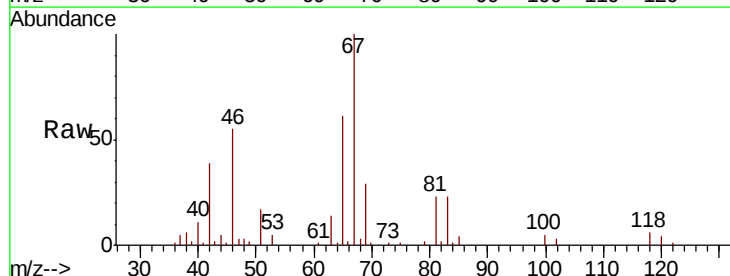
Instrument :
MSVOA_U
ClientSampleId :
BFTA1

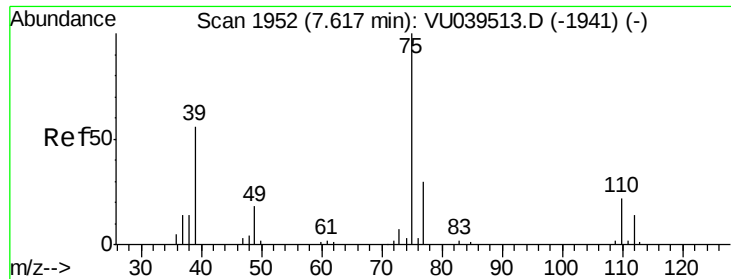
Tot Ion: 83 Resp: 7929
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 4.0 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.683 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039524.D
Acq: 16 Jul 2020 15:19

Tgt Ion: 63 Resp: 4469
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#

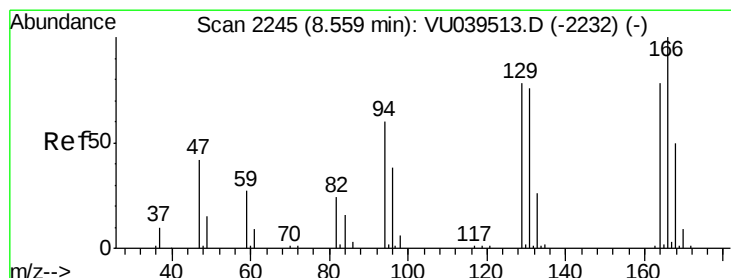
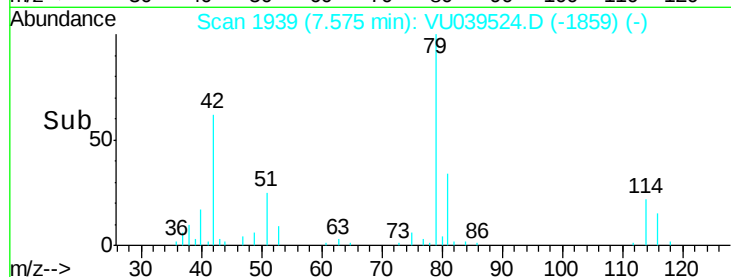
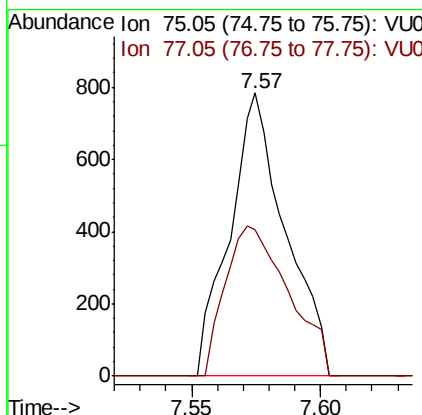
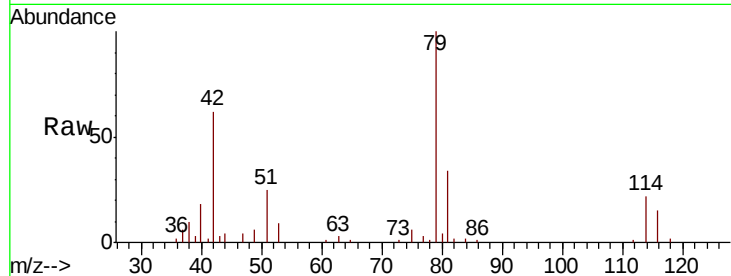




#39
 cis-1,3-Dichloropropene
 Concen: 0.119 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039524.D
 Acq: 16 Jul 2020 15:19

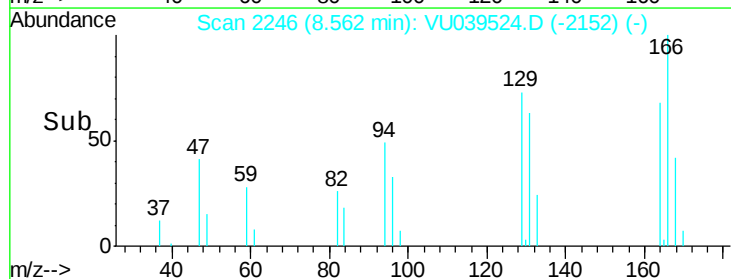
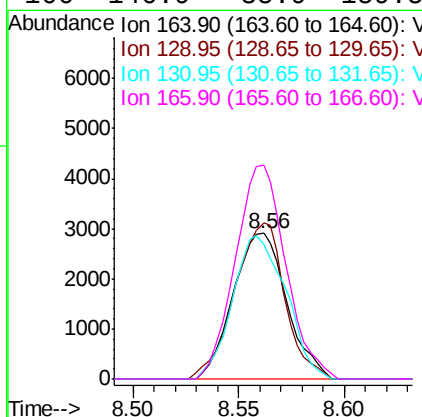
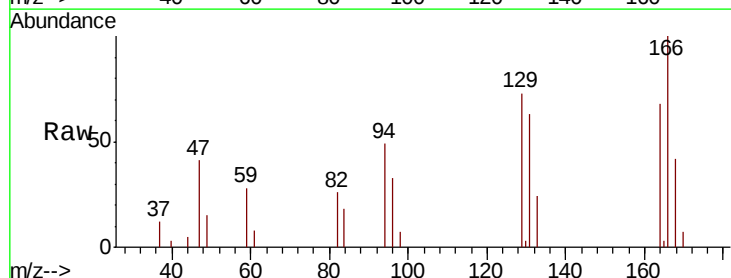
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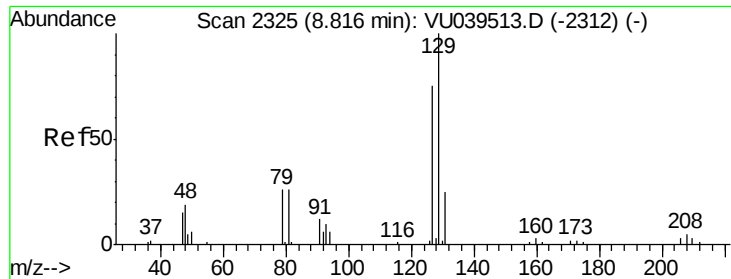
Tot Ion: 75 Resp: 1181
 Ion Ratio Lower Upper
 75 100
 77 51.7 22.3 41.3#



#47
 Tetrachloroethene
 Concen: 1.190 ug/L
 RT: 8.56 min Scan# 2246
 Delta R.T. 0.00 min
 Lab File: VU039524.D
 Acq: 16 Jul 2020 15:19

Tgt Ion:164 Resp: 5137
 Ion Ratio Lower Upper
 164 100
 129 107.8 68.6 127.4
 131 92.1 66.4 123.4
 166 146.9 85.9 159.5





#49

Dibromochloromethane

Concen: 0.905 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. -0.25 min

Lab File: VU039524.D

Acq: 16 Jul 2020 15:19

Instrument :

MSVOA_U

ClientSampleId :

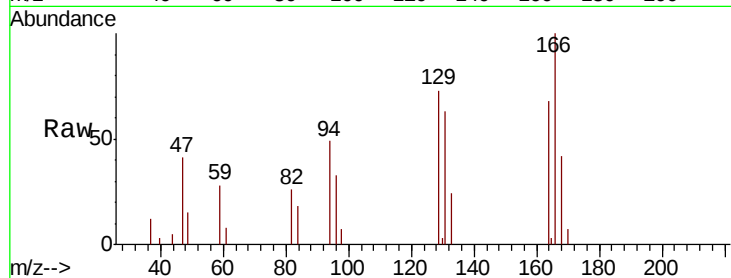
BFTA1

Tot Ion:129 Resp: 5154

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.56

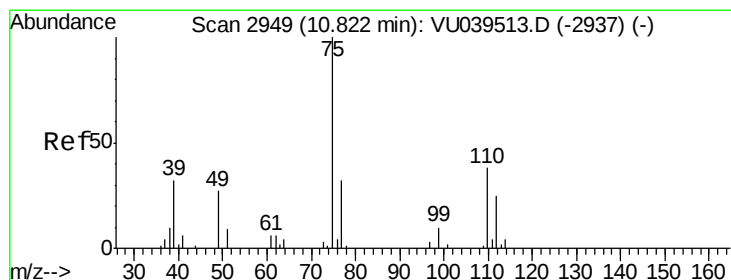
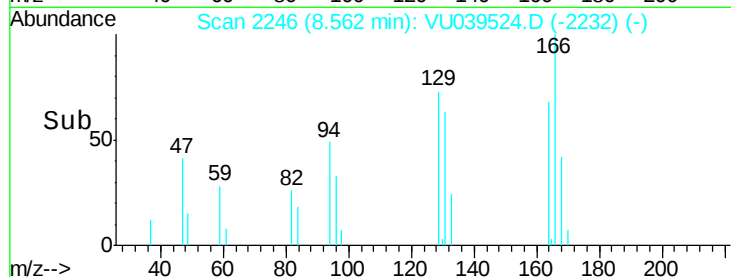
3000

2000

1000

0

Time--> 8.50 8.55 8.60



#59

1,2,3-Trichloropropane

Concen: 1.352 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039524.D

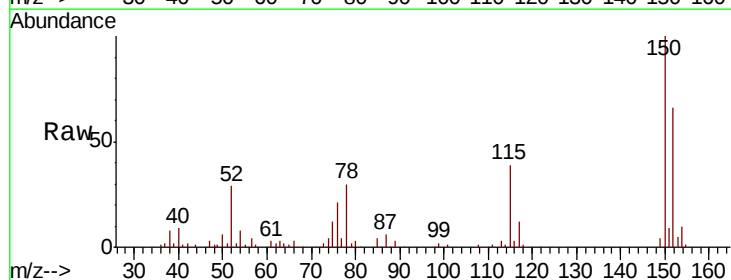
Acq: 16 Jul 2020 15:19

Tgt Ion: 75 Resp: 6521

Ion Ratio Lower Upper

75 100

77 38.6 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

5000

4000

3000

2000

1000

0

Time--> 11.75 11.80 11.85

