

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046539.D
 Acq On : 21 Dec 2021 21:45
 Operator : SY/MD
 Sample : M5149-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 05:48:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 14:35:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

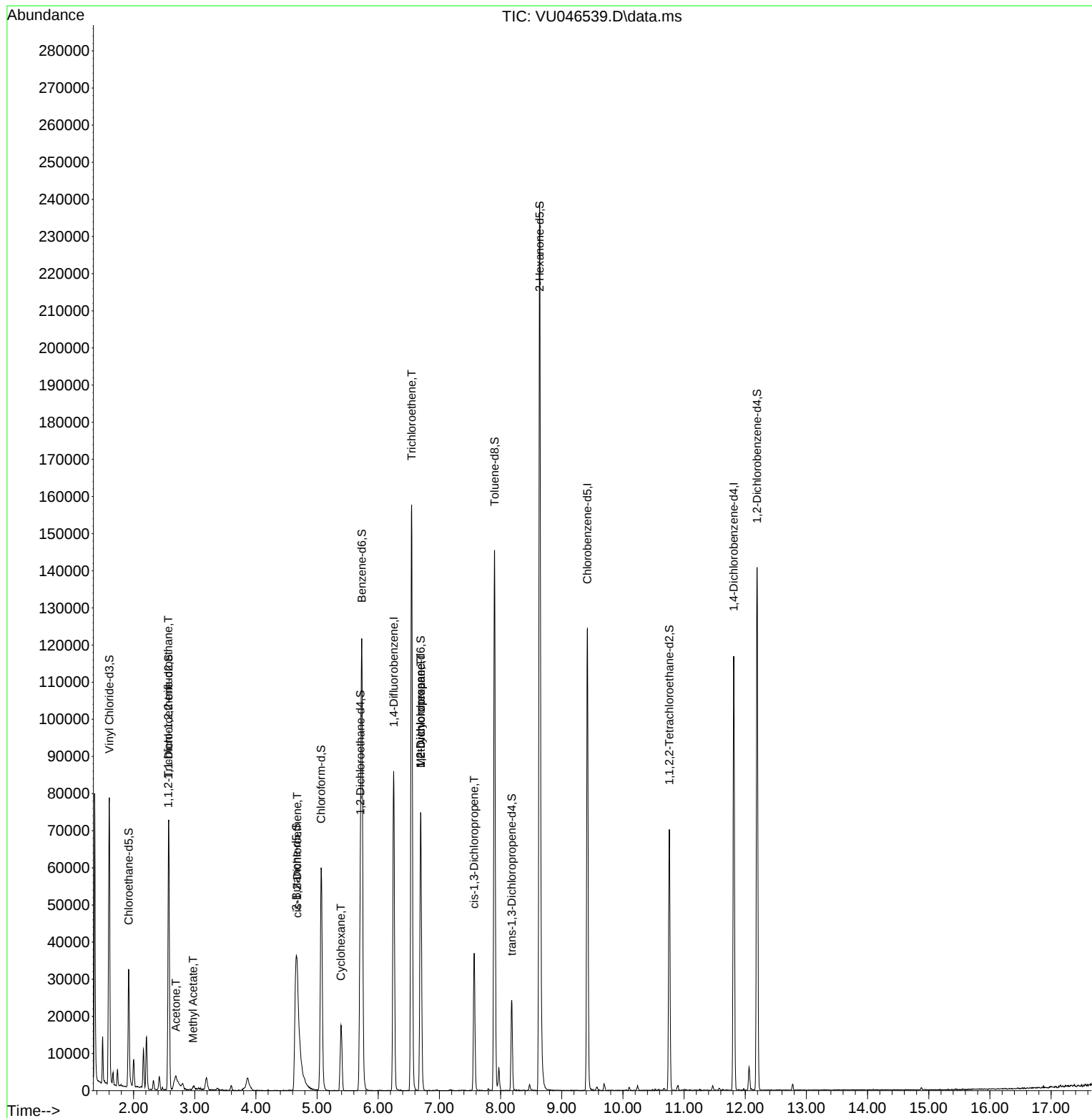
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	70376	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	70497	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	31228	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31562	5.694	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.800%
7) Chloroethane-d5	1.919	69	24948	5.715	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.400%
11) 1,1-Dichloroethene-d2	2.571	65	13917	5.954	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	119.000%
20) 2-Butanone-d5	4.661	46	104342	64.892	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.780%
24) Chloroform-d	5.067	84	56576	5.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.400%
26) 1,2-Dichloroethane-d4	5.706	65	34961	6.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.400%
32) Benzene-d6	5.732	84	114155	5.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.200%
36) 1,2-Dichloropropane-d6	6.693	67	34937	5.916	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.400%
41) Toluene-d8	7.902	98	96375	5.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
43) trans-1,3-Dichloroprop...	8.182	79	14379	5.265	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.200%
46) 2-Hexanone-d5	8.639	63	96380	60.106	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34624	5.713	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	36730	6.385	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	127.800%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	351	0.058	ug/L #	21
13) Acetone	2.690	43	13747	9.119	ug/L	41
15) Methyl Acetate	2.973	43	678	0.223	ug/L #	51
22) cis-1,2-Dichloroethene	4.674	96	2158	0.299	ug/L	93
30) Cyclohexane	5.391	56	8228	0.853	ug/L	93
34) Trichloroethene	6.546	95	53152	7.198	ug/L	98
35) Methylcyclohexane	6.693	83	8902	0.855	ug/L #	17
37) 1,2-Dichloropropane	6.693	63	3946	0.552	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1016	0.094	ug/L #	28

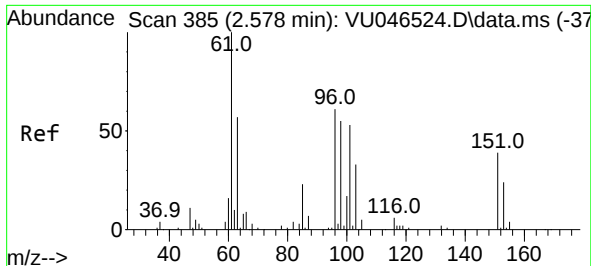
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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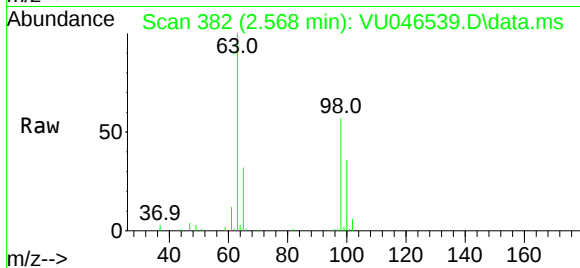
Quant Time: Dec 22 05:48:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
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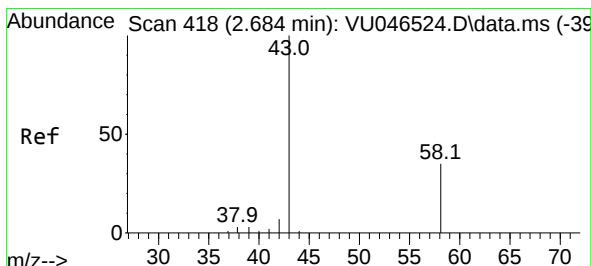
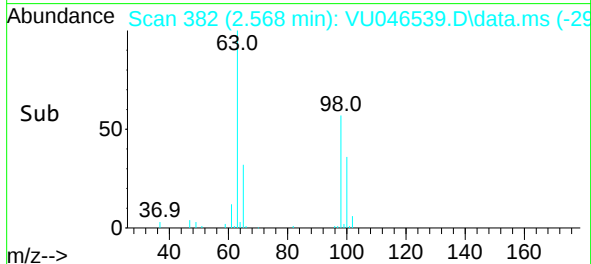
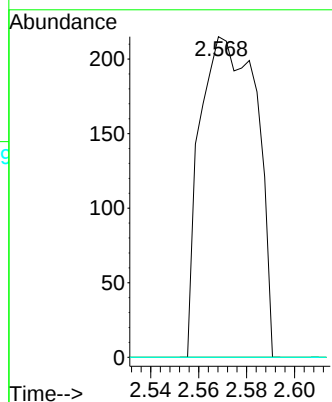


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.058 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VU046539.D
 Acq: 21 Dec 2021 21:45

Instrument :
 MSVOA_U
 ClientSampleId :

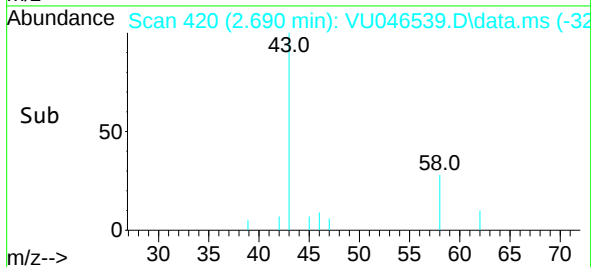
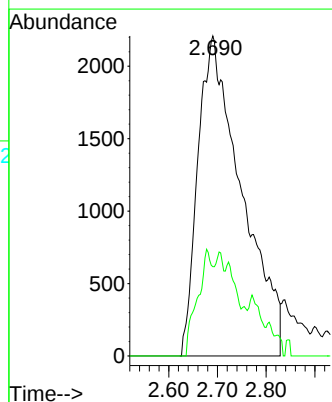
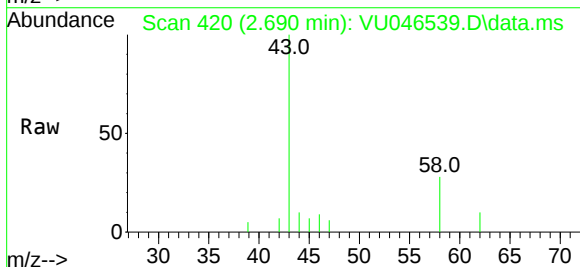


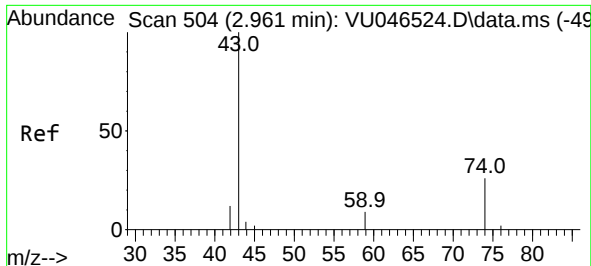
Tgt Ion:101 Resp: 351
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#13
 Acetone
 Concen: 9.119 ug/L
 RT: 2.690 min Scan# 420
 Delta R.T. 0.006 min
 Lab File: VU046539.D
 Acq: 21 Dec 2021 21:45

Tgt Ion: 43 Resp: 13747
 Ion Ratio Lower Upper
 43 100
 58 1.4 0.0 71.6

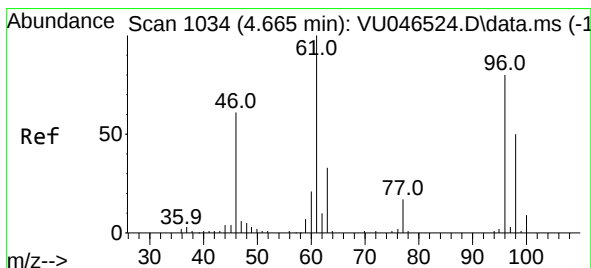
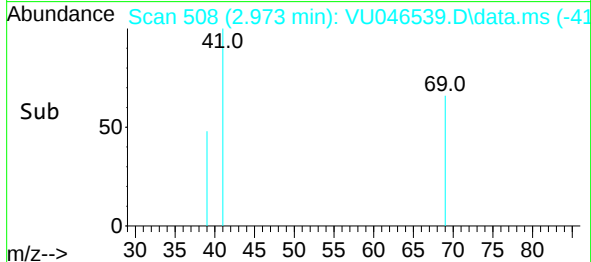
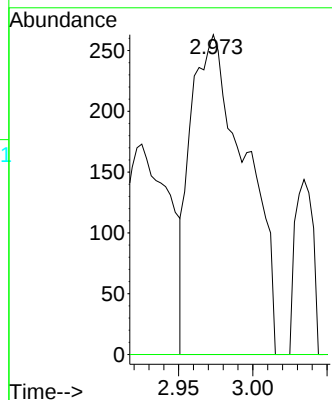
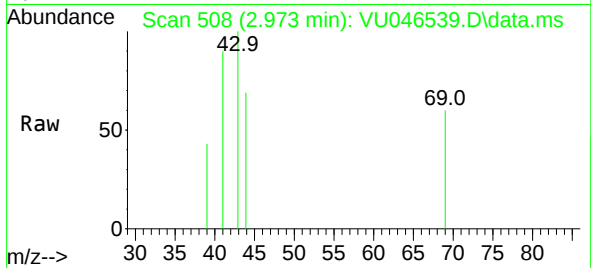




#15
Methyl Acetate
Concen: 0.223 ug/L
RT: 2.973 min Scan# 504
Delta R.T. 0.013 min
Lab File: VU046539.D
Acq: 21 Dec 2021 21:45

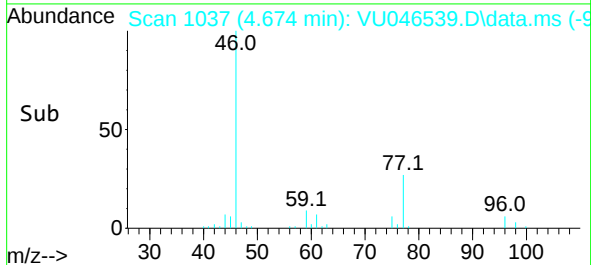
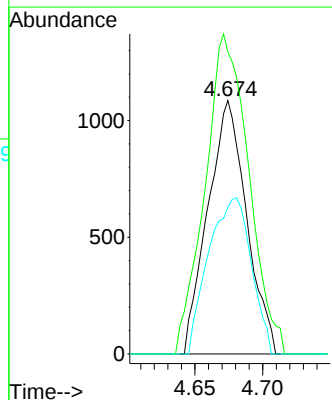
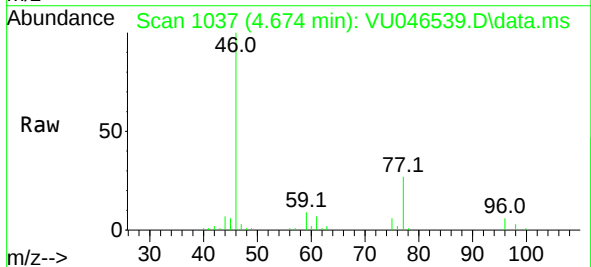
Instrument :
MSVOA_U
ClientSampleId :

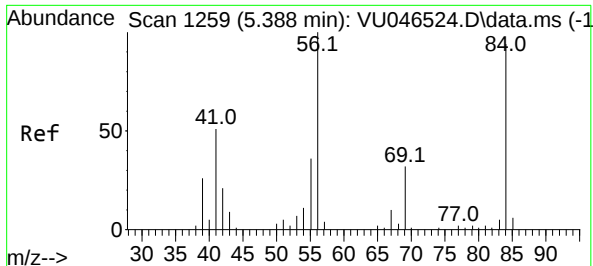
Tgt Ion: 43 Resp: 678
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



#22
cis-1,2-Dichloroethene
Concen: 0.299 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.010 min
Lab File: VU046539.D
Acq: 21 Dec 2021 21:45

Tgt Ion: 96 Resp: 2158
Ion Ratio Lower Upper
96 100
61 119.2 88.5 164.3
98 57.7 44.4 82.5





#30

Cyclohexane

Concen: 0.853 ug/L

RT: 5.391 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU046539.D

Acq: 21 Dec 2021 21:45

Instrument :

MSVOA_U

ClientSampleId :

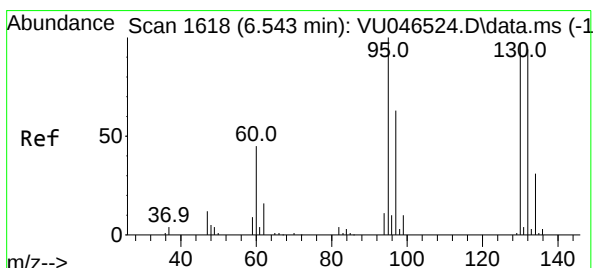
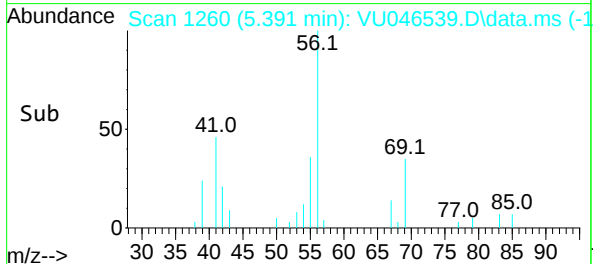
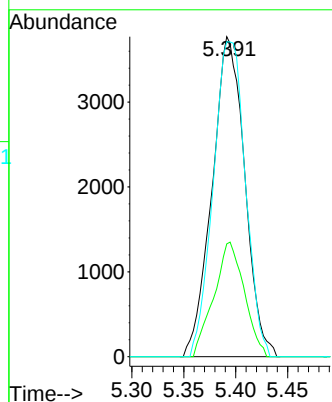
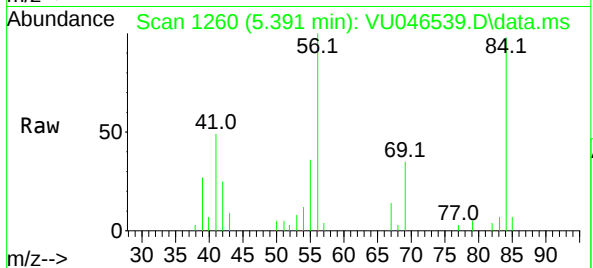
Tgt Ion: 56 Resp: 8228

Ion Ratio Lower Upper

56 100

69 33.4 24.7 37.1

84 97.0 71.8 107.6



#34

Trichloroethene

Concen: 7.198 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.003 min

Lab File: VU046539.D

Acq: 21 Dec 2021 21:45

Tgt Ion: 95 Resp: 53152

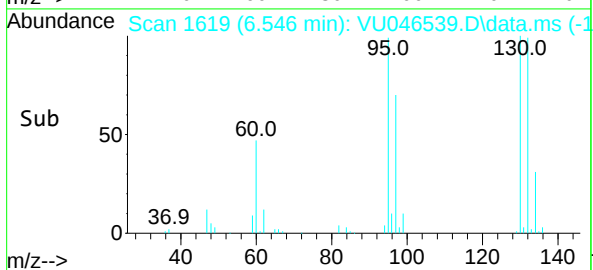
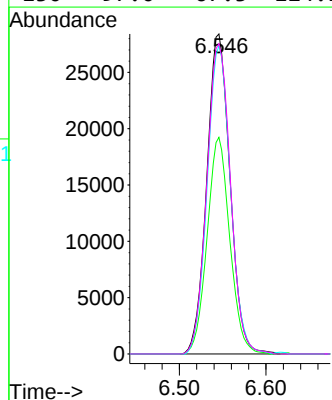
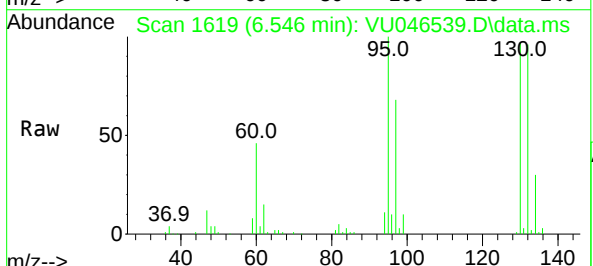
Ion Ratio Lower Upper

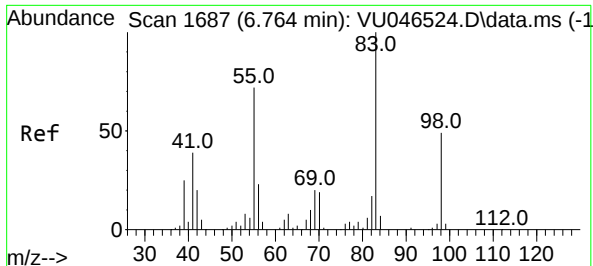
95 100

97 67.7 46.5 86.5

132 96.3 65.1 120.9

130 97.0 67.3 124.9





#35

Methylcyclohexane

Concen: 0.855 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU046539.D

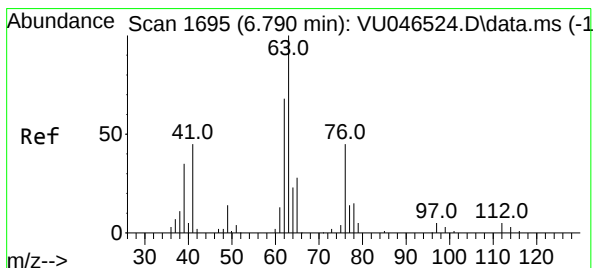
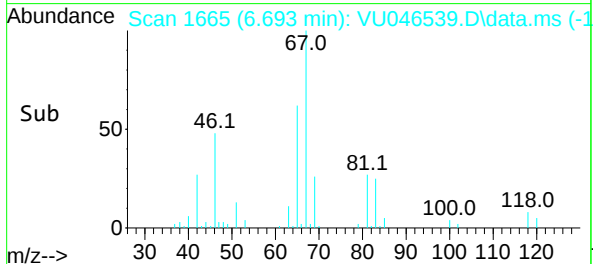
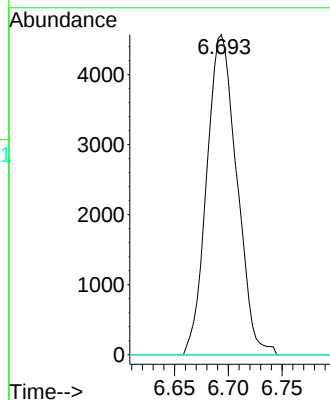
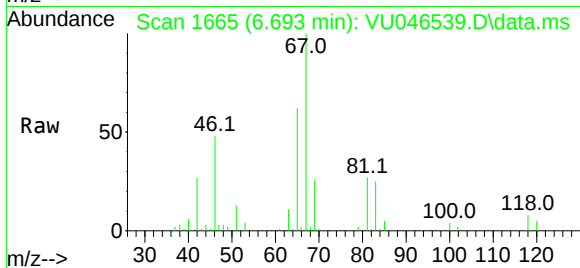
Acq: 21 Dec 2021 21:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	8902
Ion Ratio	Lower	Upper
83	100	
55	0.0	61.9 92.9#
98	0.0	39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.552 ug/L

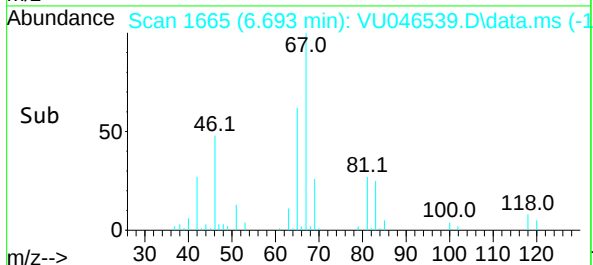
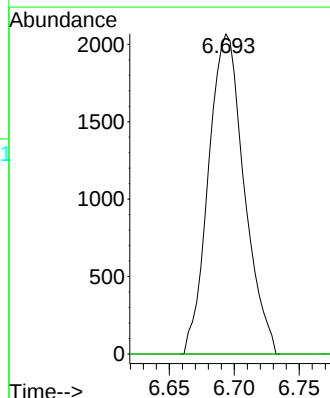
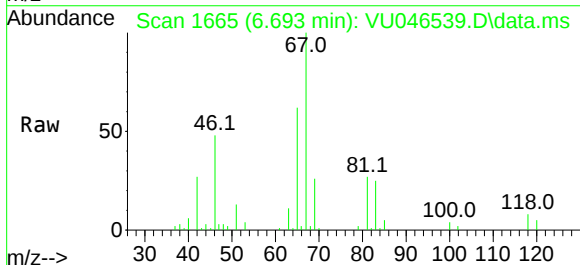
RT: 6.693 min Scan# 1665

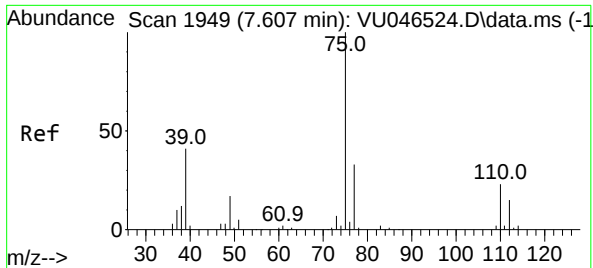
Delta R.T. -0.097 min

Lab File: VU046539.D

Acq: 21 Dec 2021 21:45

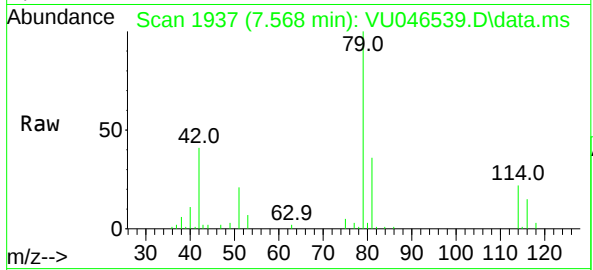
Tgt Ion: 63	Resp:	3946
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.2 4.8#





#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.568 min Scan# 1949
 Delta R.T. -0.039 min
 Lab File: VU046539.D
 Acq: 21 Dec 2021 21:45

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 1016
 Ion Ratio Lower Upper
 75 100
 77 72.3 22.5 41.9#

