

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122221\
 Data File : VU046553.D
 Acq On : 22 Dec 2021 16:00
 Operator : SY/MD
 Sample : M5134-05DL 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 23 04:30:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 23 04:25:43 2021
 Response via : Initial Calibration

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

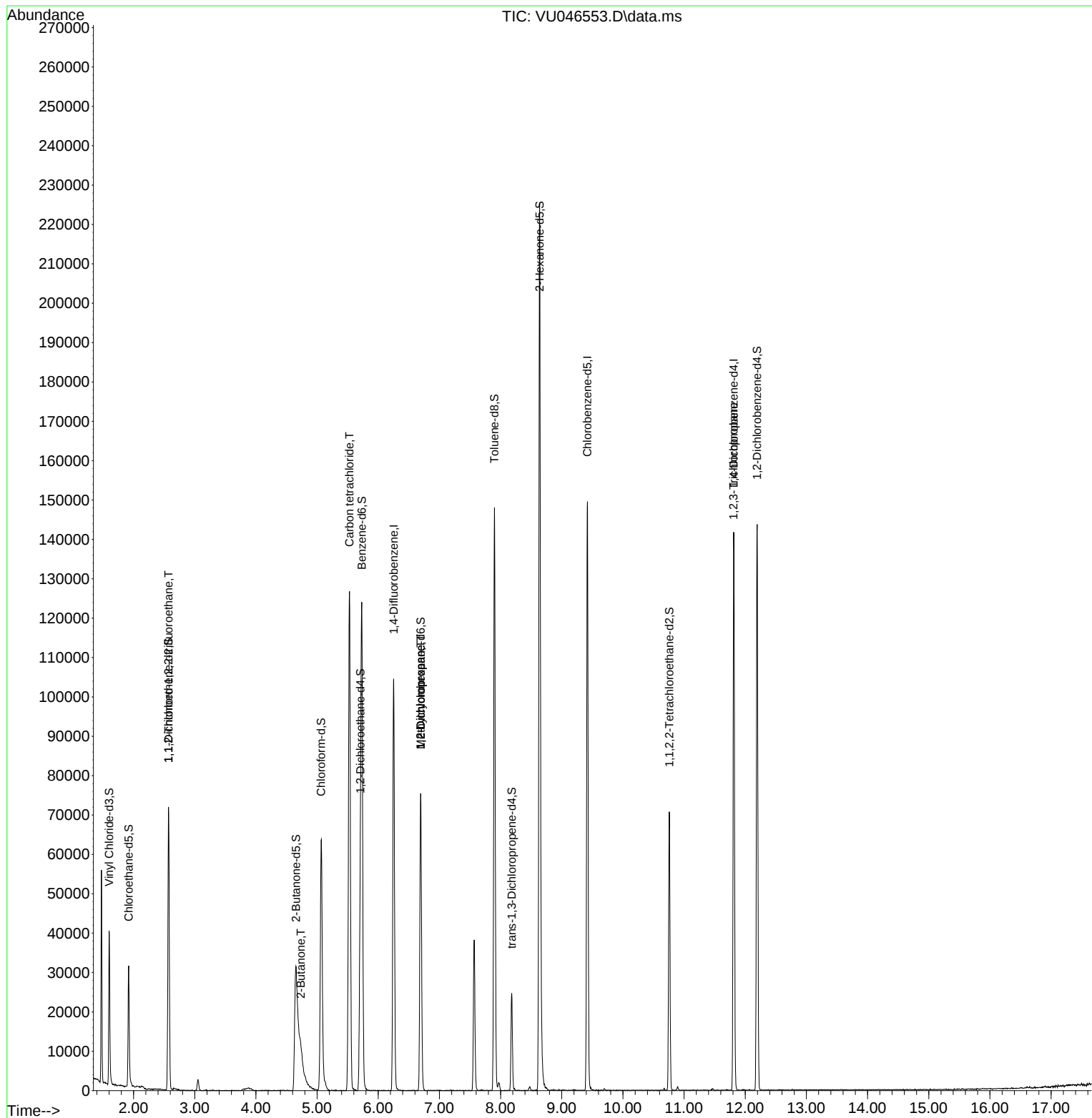
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	86695	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	84455	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	37707	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	30961	4.534	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.600%	
7) Chloroethane-d5	1.919	69	25091	4.666	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.400%	
11) 1,1-Dichloroethene-d2	2.572	65	13557	4.708	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.200%	
20) 2-Butanone-d5	4.655	46	94841	47.881	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.760%	
24) Chloroform-d	5.067	84	58259	4.656	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
26) 1,2-Dichloroethane-d4	5.707	65	34885	4.877	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.600%	
32) Benzene-d6	5.732	84	117740	5.001	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
36) 1,2-Dichloropropane-d6	6.694	67	35513	5.020	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.400%	
41) Toluene-d8	7.899	98	99994	4.680	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	8.182	79	14769	4.514	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.200%	
46) 2-Hexanone-d5	8.639	63	90360	47.039	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.080%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33851	4.662	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	37055	5.335	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.600%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	321	0.043	ug/L #	21
21) 2-Butanone	4.732	43	5698	2.022	ug/L #	51
31) Carbon tetrachloride	5.530	117	89307	7.621	ug/L	98
35) Methylcyclohexane	6.694	83	8929	0.716	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	4095	0.478	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	4463	0.713	ug/L #	66

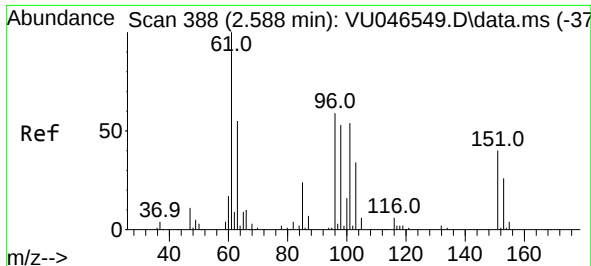
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.043 ug/L

RT: 2.572 min Scan# 388

Delta R.T. -0.016 min

Lab File: VU046553.D

Acq: 22 Dec 2021 16:00

Instrument :

MSVOA_U

ClientSampleId :

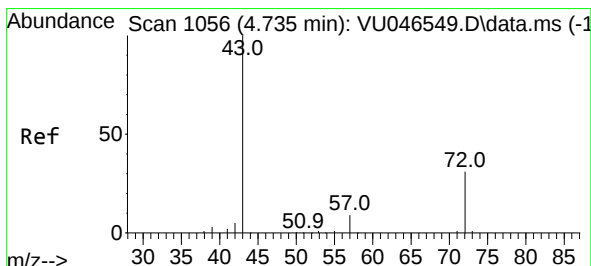
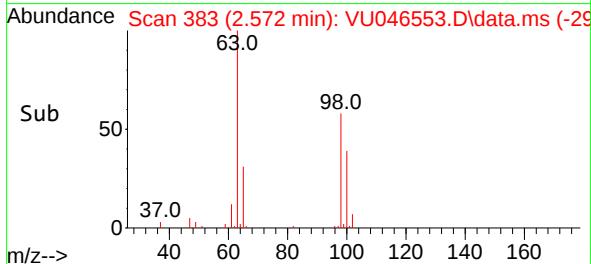
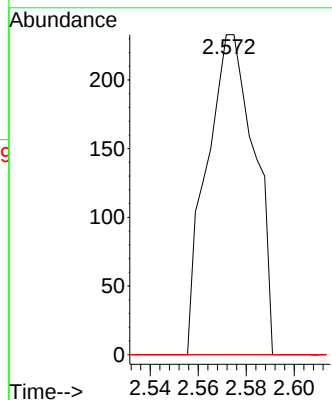
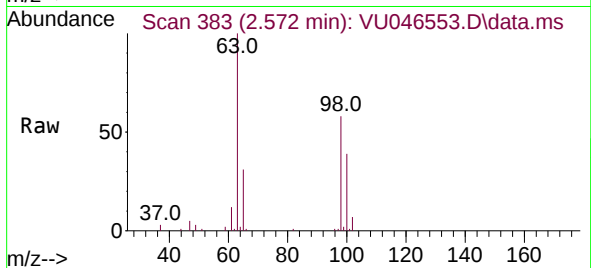
Tgt Ion:101 Resp: 321

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.1 84.1#



#21

2-Butanone

Concen: 2.022 ug/L

RT: 4.732 min Scan# 1055

Delta R.T. -0.003 min

Lab File: VU046553.D

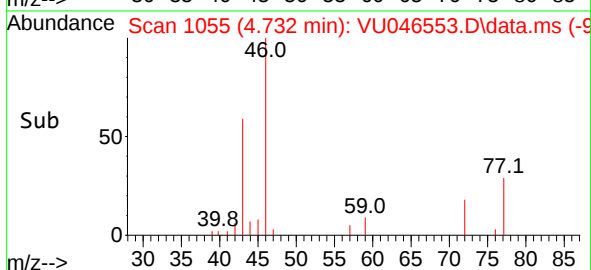
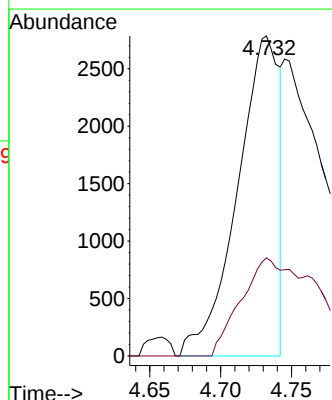
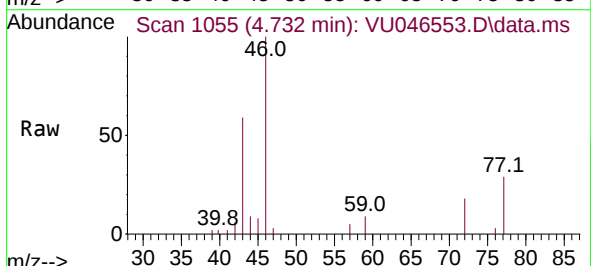
Acq: 22 Dec 2021 16:00

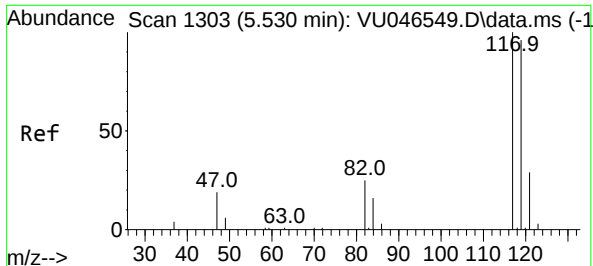
Tgt Ion: 43 Resp: 5698

Ion Ratio Lower Upper

43 100

72 53.9 14.1 42.3#

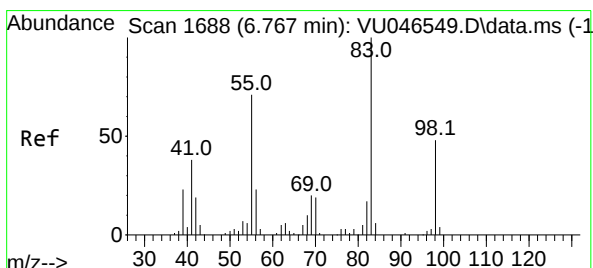
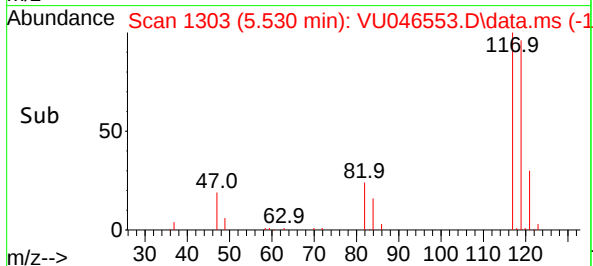
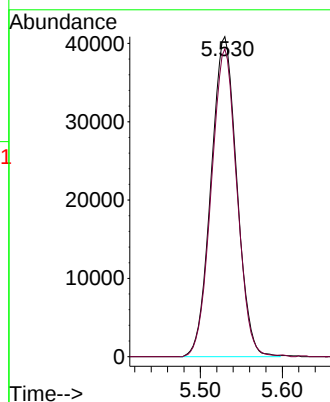
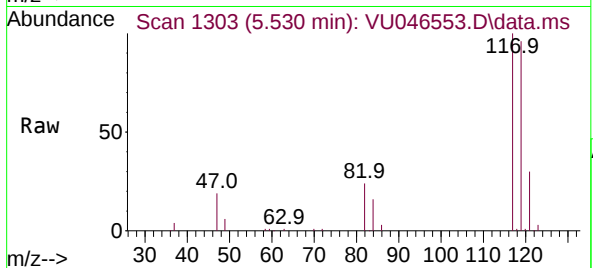




#31
Carbon tetrachloride
Concen: 7.621 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046553.D
Acq: 22 Dec 2021 16:00

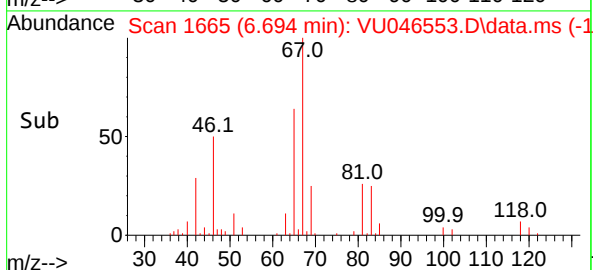
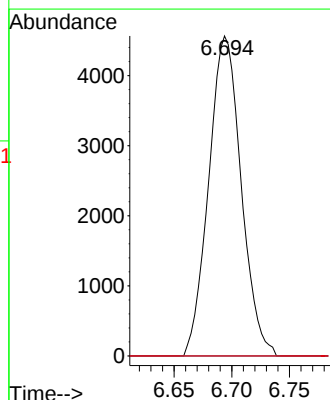
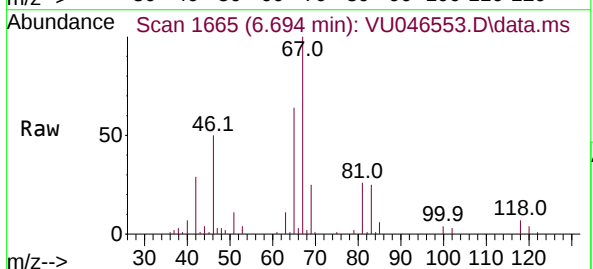
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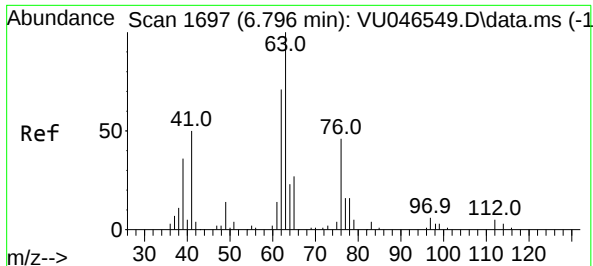
Tgt Ion:117 Resp: 89307
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3



#35
Methylcyclohexane
Concen: 0.716 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046553.D
Acq: 22 Dec 2021 16:00

Tgt Ion: 83 Resp: 8929
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: 0.478 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046553.D

Acq: 22 Dec 2021 16:00

Instrument :

MSVOA_U

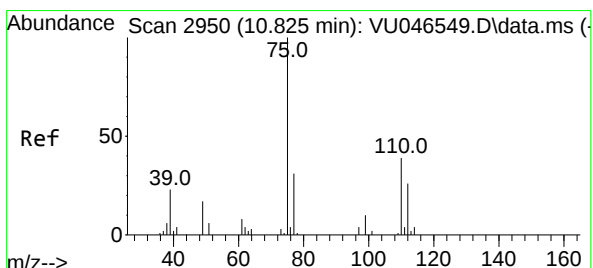
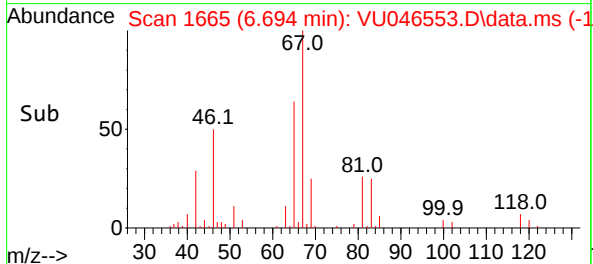
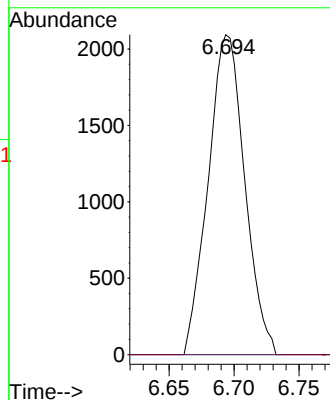
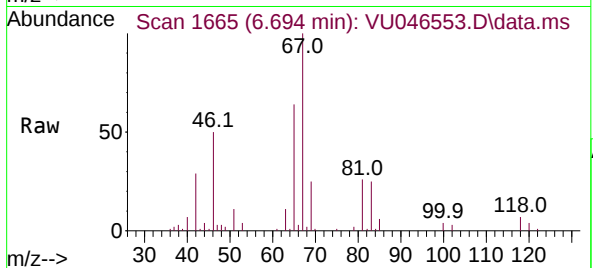
ClientSampleId :

Tgt Ion: 63 Resp: 4095

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#61

1,2,3-Trichloropropane

Concen: 0.713 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.984 min

Lab File: VU046553.D

Acq: 22 Dec 2021 16:00

Tgt Ion: 75 Resp: 4463

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 31.6 25.5 38.3

