

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046531.D
 Acq On : 21 Dec 2021 18:32
 Operator : SY/MD
 Sample : M5152-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 05:47:07 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)

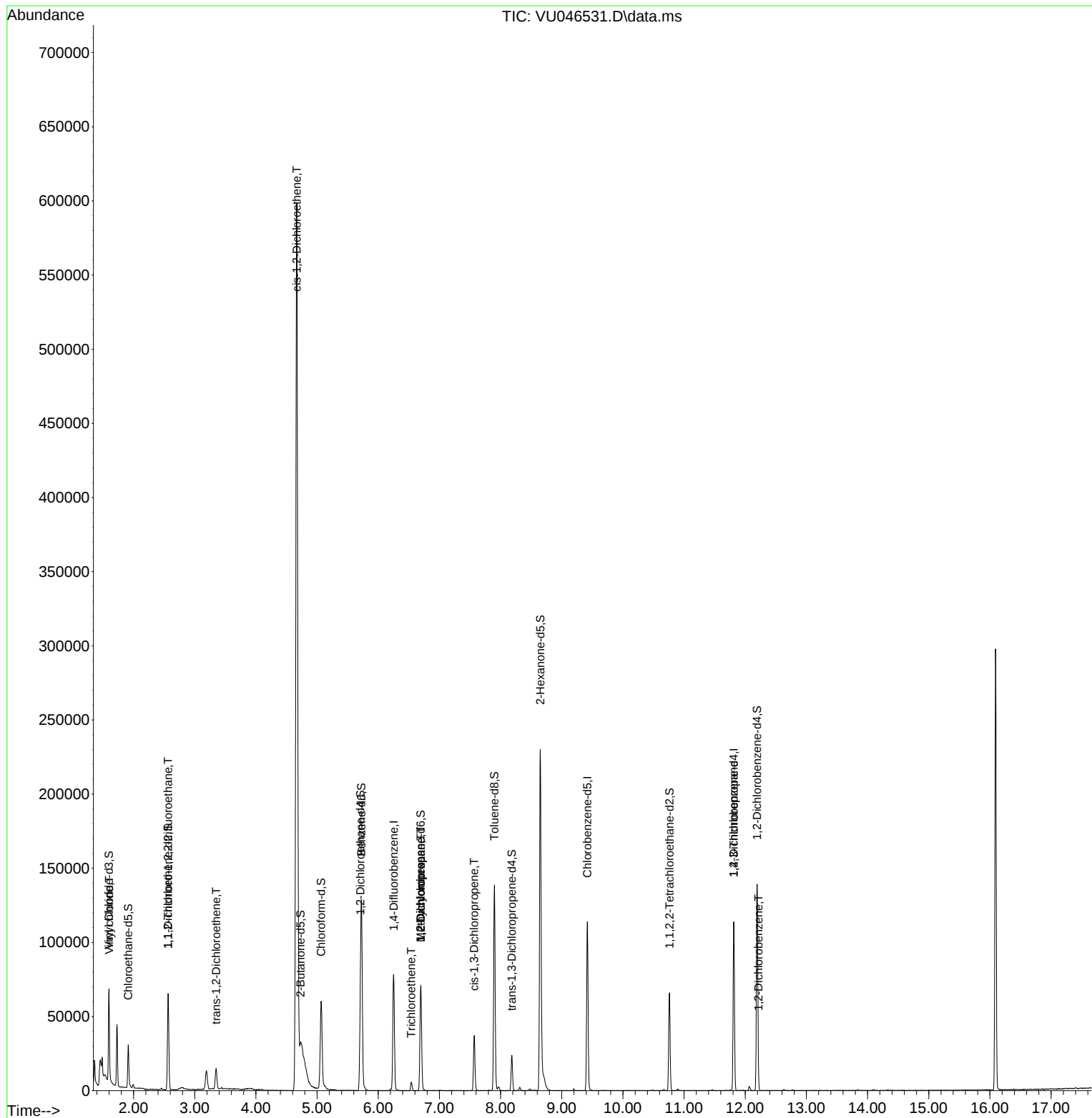
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	63930	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	63533	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	29175	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	29123	5.783	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	115.600%	
7) Chloroethane-d5	1.912	69	22469	5.666	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	113.400%	
11) 1,1-Dichloroethene-d2	2.565	65	11913	5.610	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	112.200%	
20) 2-Butanone-d5	4.732	46	79060	54.127	ug/L	0.08
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.260%	
24) Chloroform-d	5.067	84	53995	5.852	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	117.000%	
26) 1,2-Dichloroethane-d4	5.710	65	31845	6.037	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	120.800%	
32) Benzene-d6	5.726	84	107798	6.087	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	121.800%	
36) 1,2-Dichloropropane-d6	6.693	67	33068	6.214	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	124.200%	
41) Toluene-d8	7.899	98	91270	5.678	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.600%	
43) trans-1,3-Dichloroprop...	8.182	79	13612	5.530	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	110.600%	
46) 2-Hexanone-d5	8.648	63	94130	65.138	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	130.280%#	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	31715	5.806	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	116.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	36068	6.711	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	134.200%#	
Target Compounds						Qvalue
5) Vinyl chloride	1.600	62	15368	1.853	ug/L #	62
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	310	0.056	ug/L #	21
18) trans-1,2-Dichloroethene	3.350	96	5393	0.899	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	313366	47.787	ug/L	98
34) Trichloroethene	6.539	95	2145	0.322	ug/L	90
35) Methylcyclohexane	6.693	83	8179	0.872	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	3838	0.596	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1080	0.111	ug/L #	41
61) 1,2,3-Trichloropropane	11.812	75	3915	0.808	ug/L #	62
67) 1,2-Dichlorobenzene	12.214	146	1042	0.095	ug/L	91

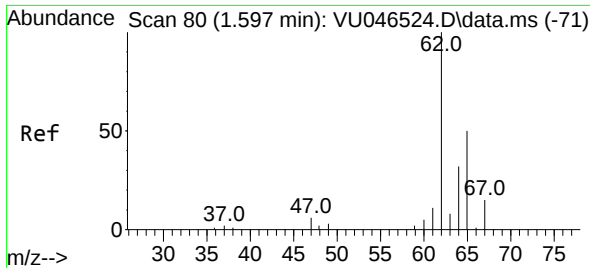
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

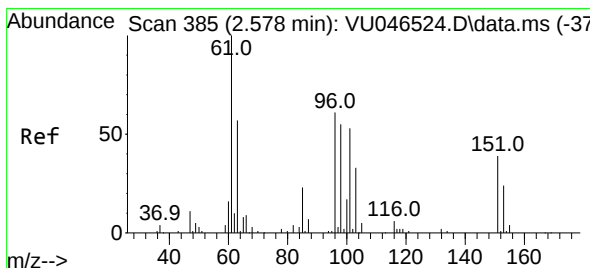
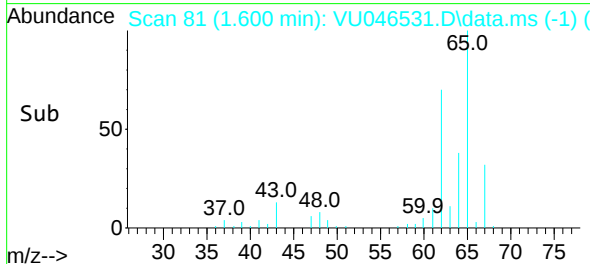
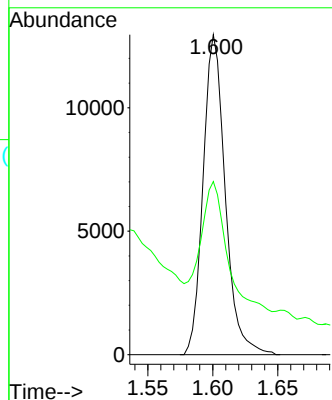
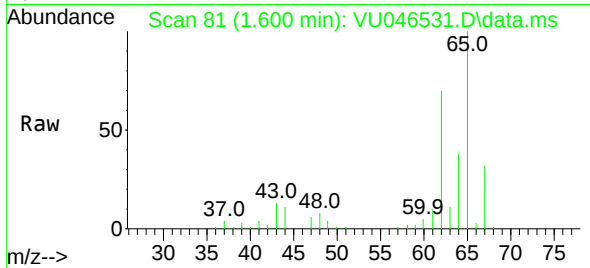




#5
 Vinyl chloride
 Concen: 1.853 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU046531.D
 Acq: 21 Dec 2021 18:32

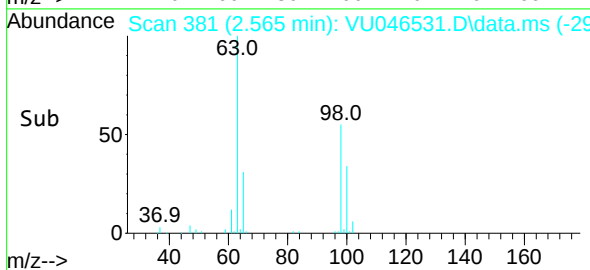
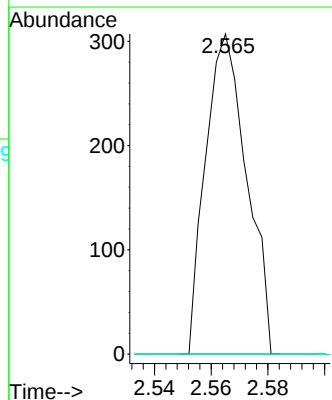
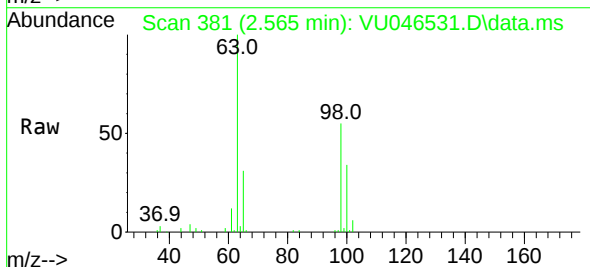
Instrument :
 MSVOA_U
 ClientSampleId :

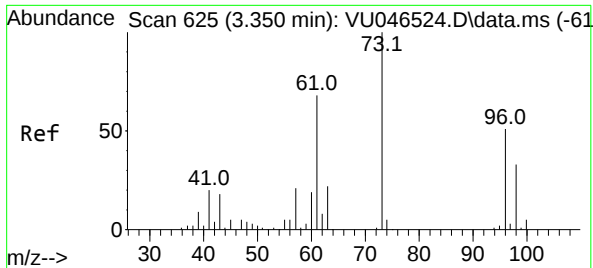
Tgt Ion: 62 Resp: 15368
 Ion Ratio Lower Upper
 62 100
 64 54.1 22.9 42.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.056 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU046531.D
 Acq: 21 Dec 2021 18:32

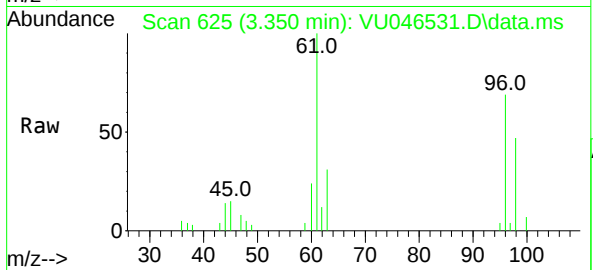
Tgt Ion: 101 Resp: 310
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



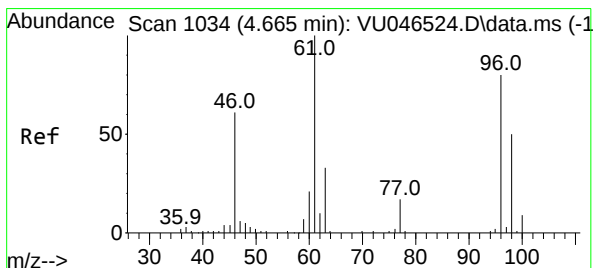
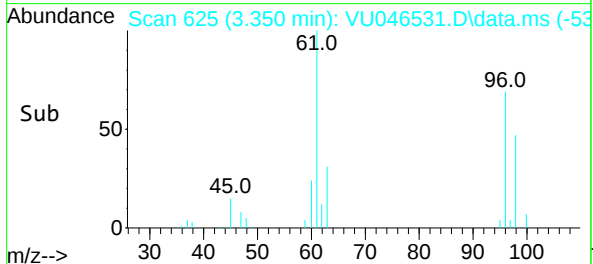
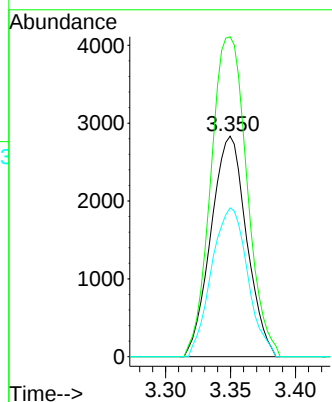


#18
trans-1,2-Dichloroethene
Concen: 0.899 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU046531.D
Acq: 21 Dec 2021 18:32

Instrument :
MSVOA_U
ClientSampleId :

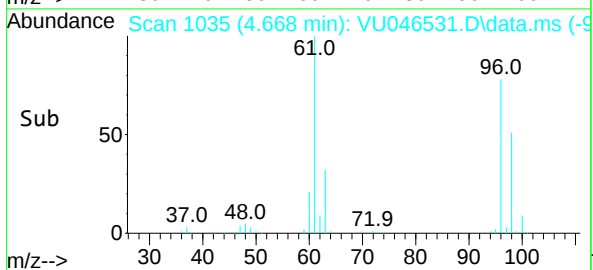
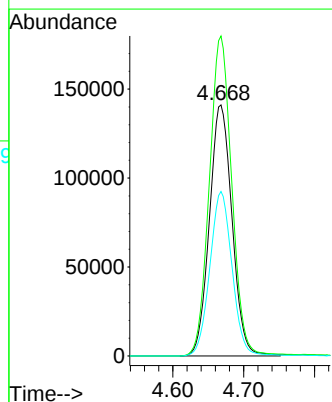
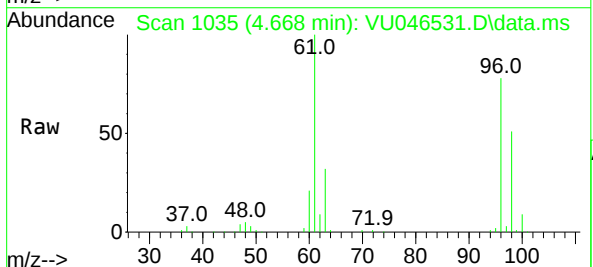


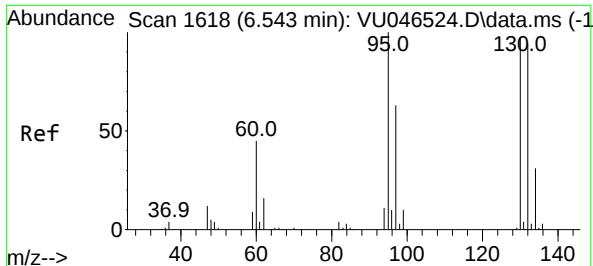
Tgt Ion: 96 Resp: 5393
Ion Ratio Lower Upper
96 100
61 145.2 100.8 187.2
98 67.5 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 47.787 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU046531.D
Acq: 21 Dec 2021 18:32

Tgt Ion: 96 Resp: 313366
Ion Ratio Lower Upper
96 100
61 127.5 88.5 164.3
98 65.5 44.4 82.5

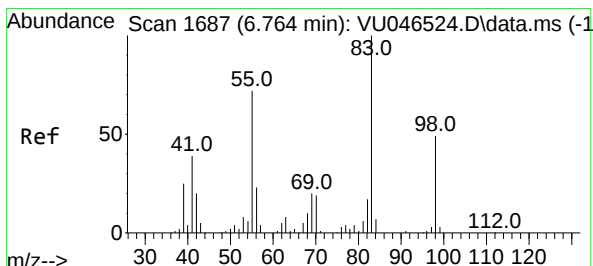
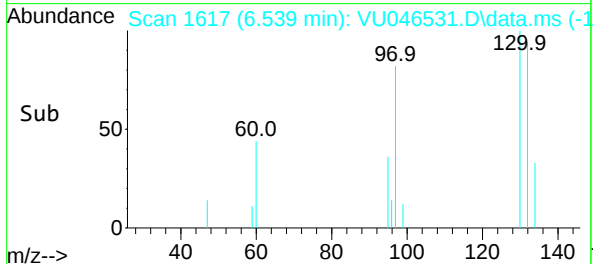
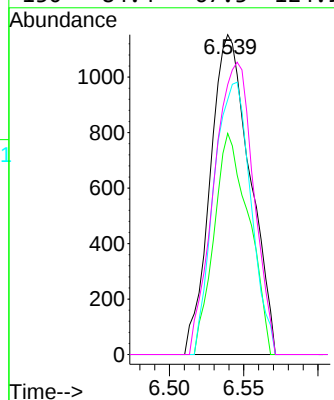
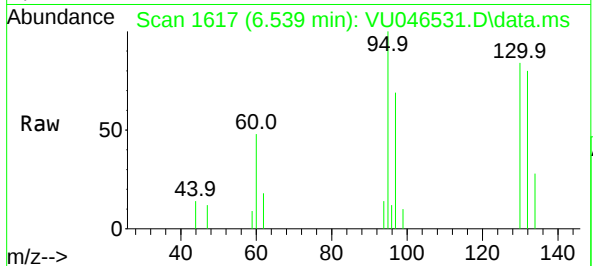




#34
Trichloroethene
Concen: 0.322 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU046531.D
Acq: 21 Dec 2021 18:32

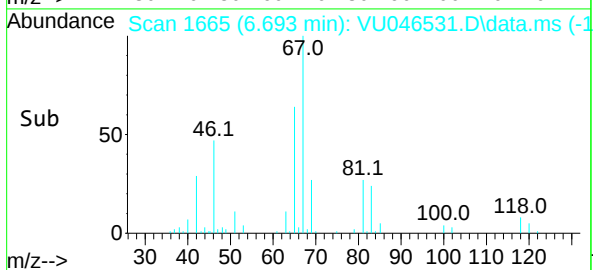
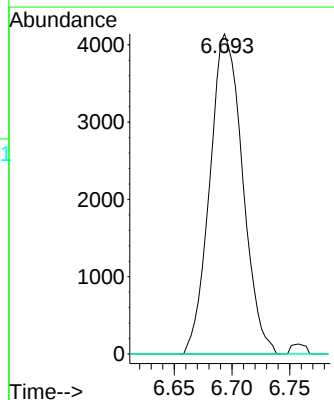
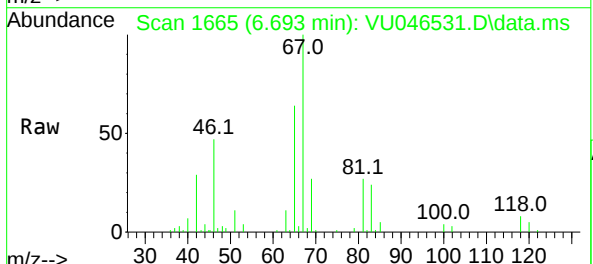
Instrument :
MSVOA_U
ClientSampleId :

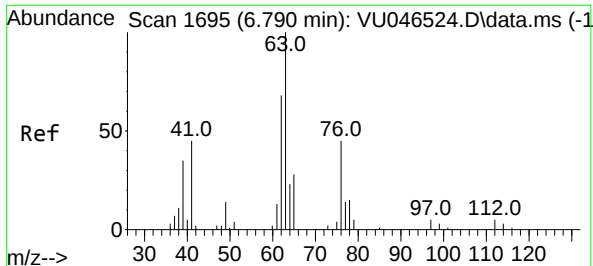
Tgt Ion: 95 Resp: 2145
Ion Ratio Lower Upper
95 100
97 69.1 46.5 86.5
132 79.7 65.1 120.9
130 84.4 67.3 124.9



#35
Methylcyclohexane
Concen: 0.872 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU046531.D
Acq: 21 Dec 2021 18:32

Tgt Ion: 83 Resp: 8179
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: 0.596 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.093 min

Lab File: VU046531.D

Acq: 21 Dec 2021 18:32

Instrument :

MSVOA_U

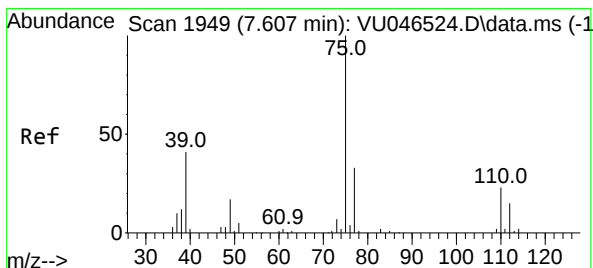
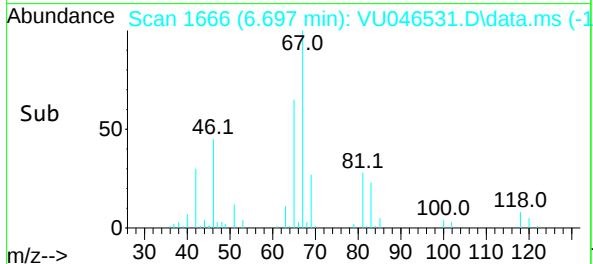
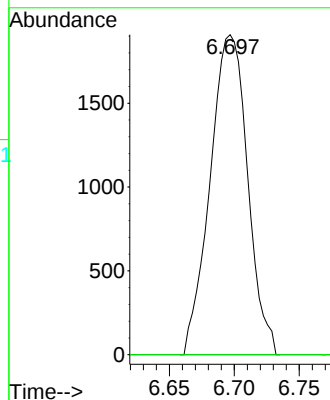
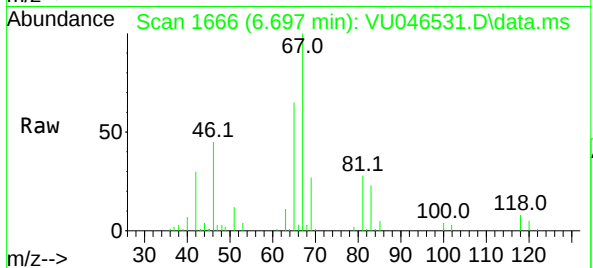
ClientSampleId :

Tgt Ion: 63 Resp: 3838

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU046531.D

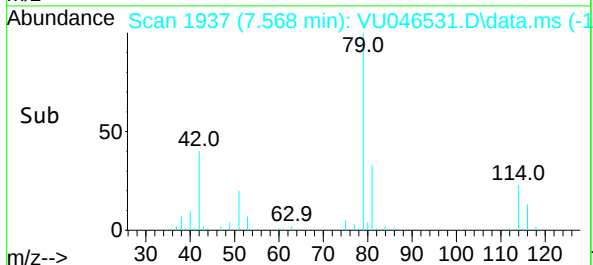
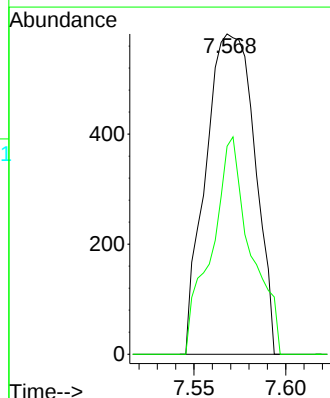
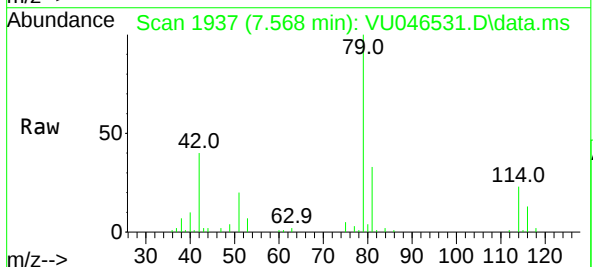
Acq: 21 Dec 2021 18:32

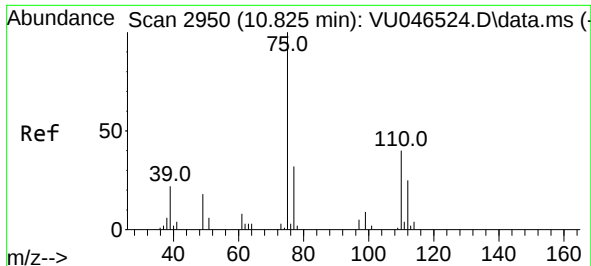
Tgt Ion: 75 Resp: 1080

Ion Ratio Lower Upper

75 100

77 64.9 22.5 41.9#

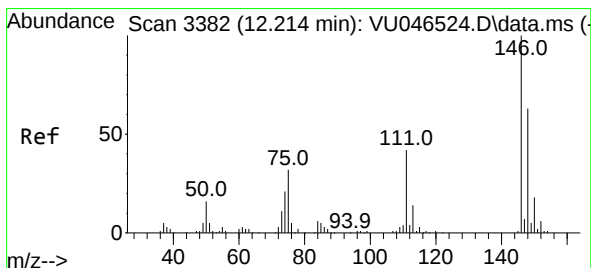
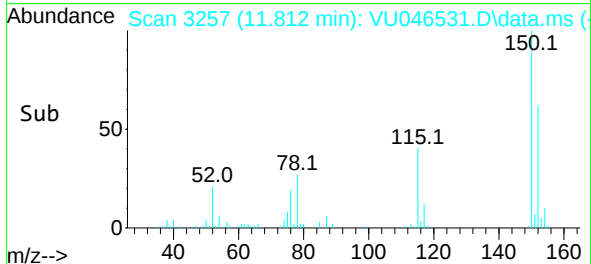
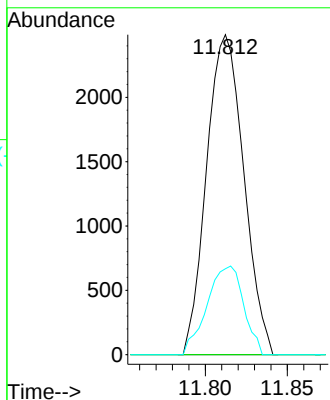
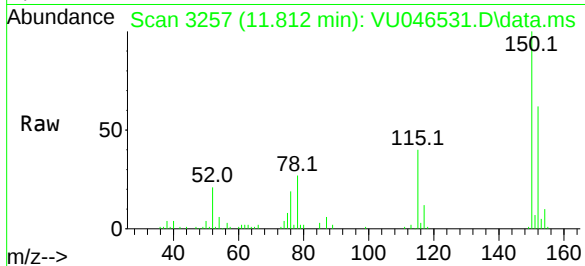




#61
1,2,3-Trichloropropane
Concen: 0.808 ug/L
RT: 11.812 min Scan# 311
Delta R.T. 0.987 min
Lab File: VU046531.D
Acq: 21 Dec 2021 18:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3915
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 27.2 25.5 38.3



#67
1,2-Dichlorobenzene
Concen: 0.095 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU046531.D
Acq: 21 Dec 2021 18:32

Tgt Ion: 146 Resp: 1042
Ion Ratio Lower Upper
146 100
111 46.9 35.4 53.0
148 73.6 51.1 76.7

