

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122221\
 Data File : VU046565.D
 Acq On : 22 Dec 2021 20:49
 Operator : SY/MD
 Sample : M5152-02DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 23 04:32:50 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)

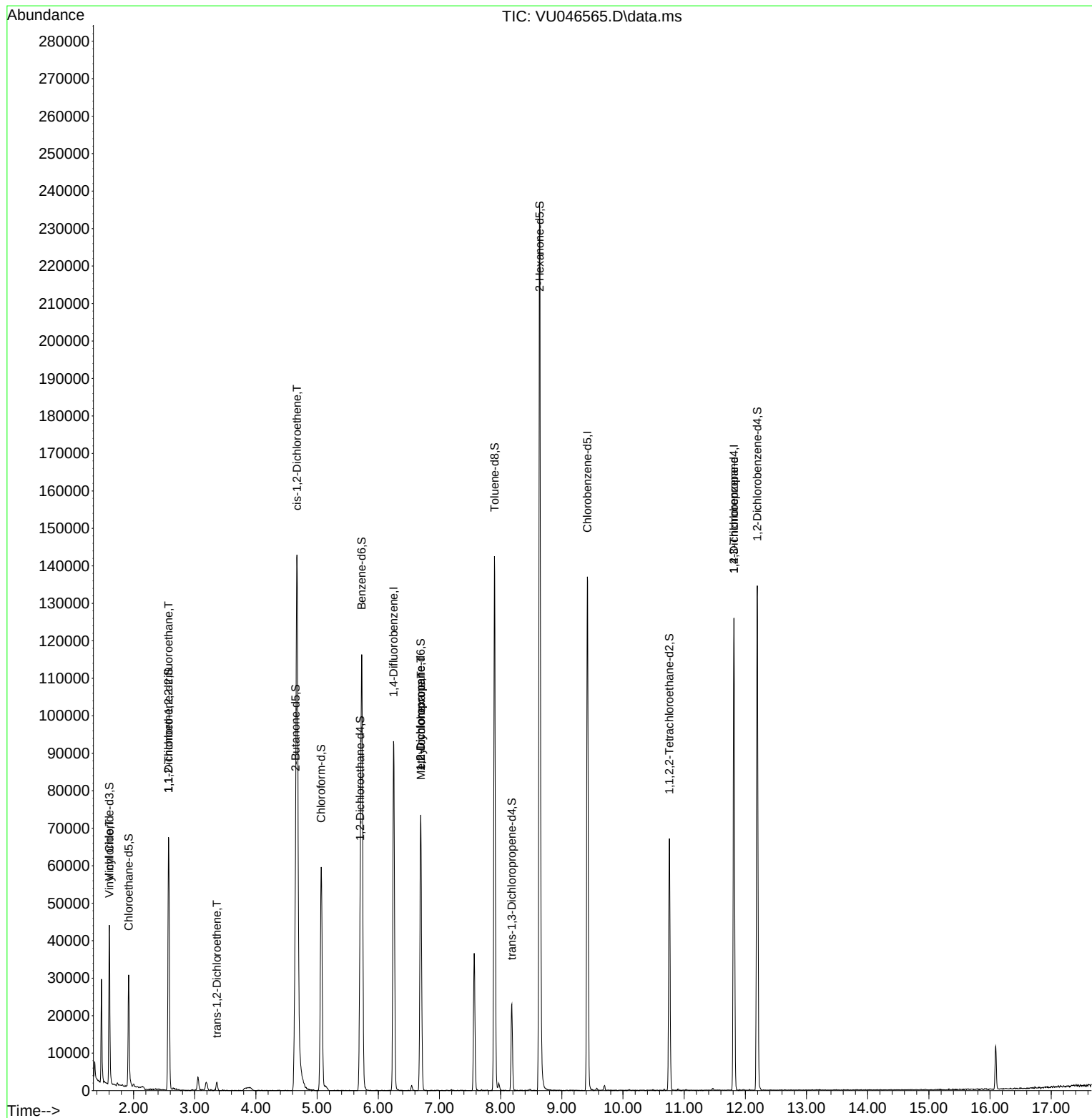
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	76563	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	76160	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	33881	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	28891	4.791	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.800%	
7) Chloroethane-d5	1.919	69	23795	5.011	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.200%	
11) 1,1-Dichloroethene-d2	2.572	65	12726	5.004	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.000%	
20) 2-Butanone-d5	4.649	46	99603	56.939	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.880%	
24) Chloroform-d	5.067	84	56169	5.083	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
26) 1,2-Dichloroethane-d4	5.703	65	33580	5.316	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.400%	
32) Benzene-d6	5.729	84	109382	5.152	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.000%	
36) 1,2-Dichloropropane-d6	6.694	67	33398	5.235	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.800%	
41) Toluene-d8	7.900	98	92849	4.819	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
43) trans-1,3-Dichloroprop...	8.182	79	13783	4.671	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.400%	
46) 2-Hexanone-d5	8.636	63	89936	51.917	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.840%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	31993	4.886	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	36241	5.807	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	116.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	3445	0.347	ug/L #	78
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	354	0.054	ug/L #	21
18) trans-1,2-Dichloroethene	3.363	96	1195	0.166	ug/L	83
22) cis-1,2-Dichloroethene	4.671	96	60143	7.658	ug/L	97
35) Methylcyclohexane	6.697	83	8555	0.761	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	3835	0.497	ug/L #	88
61) 1,2,3-Trichloropropane	11.813	75	3803	0.676	ug/L #	65

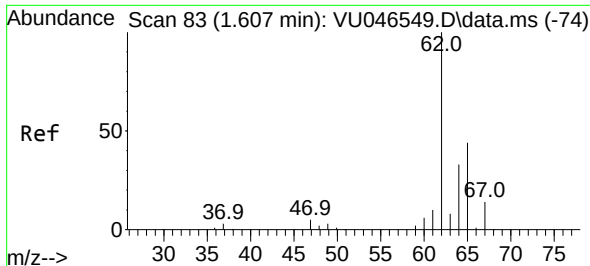
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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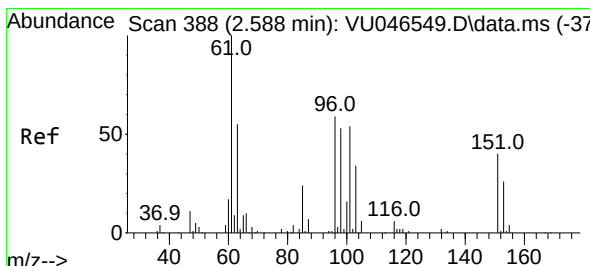
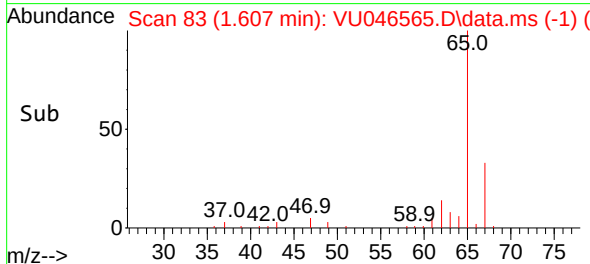
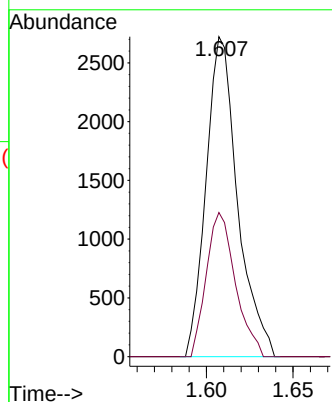
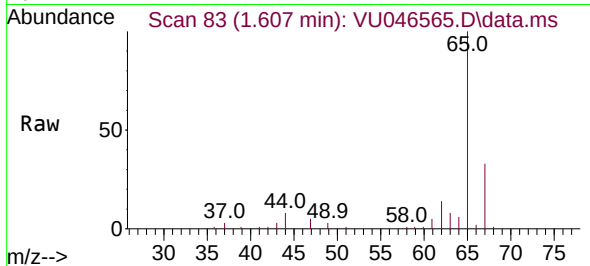




#5
 Vinyl chloride
 Concen: 0.347 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU046565.D
 Acq: 22 Dec 2021 20:49

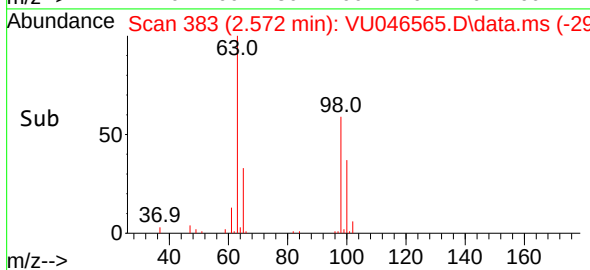
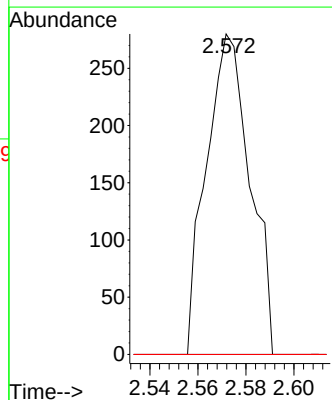
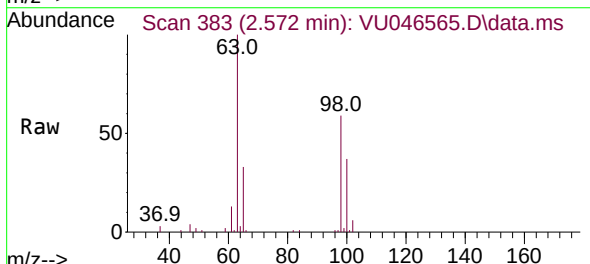
Instrument :
 MSVOA_U
 ClientSampleId :

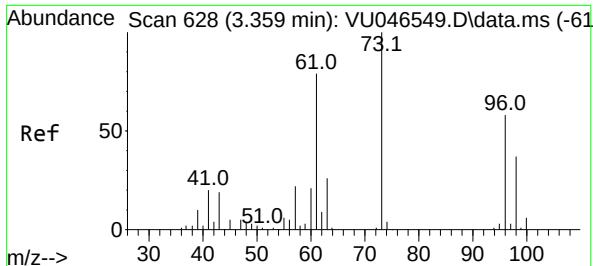
Tgt Ion: 62 Resp: 3445
 Ion Ratio Lower Upper
 62 100
 64 45.0 22.9 42.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.054 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046565.D
 Acq: 22 Dec 2021 20:49

Tgt Ion: 101 Resp: 354
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#

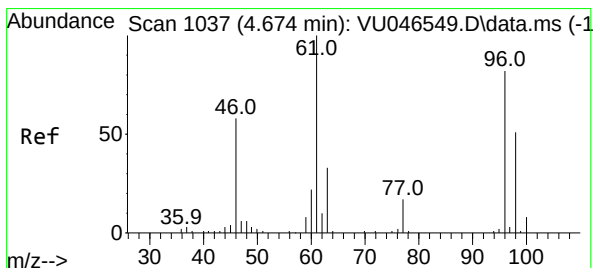
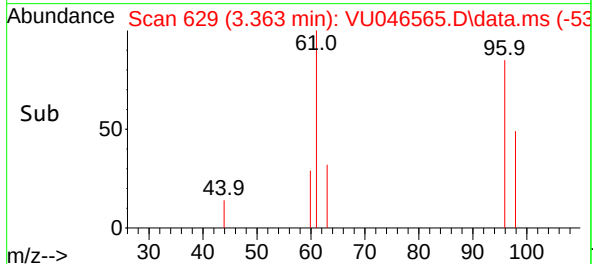
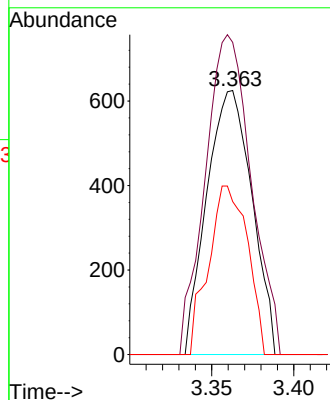
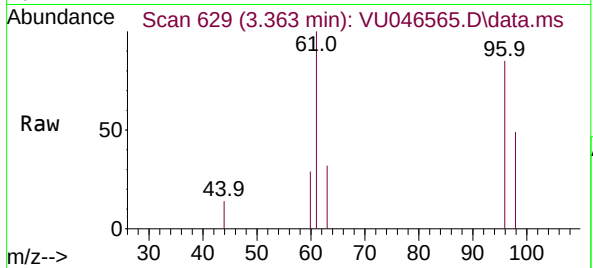




#18
trans-1,2-Dichloroethene
Concen: 0.166 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU046565.D
Acq: 22 Dec 2021 20:49

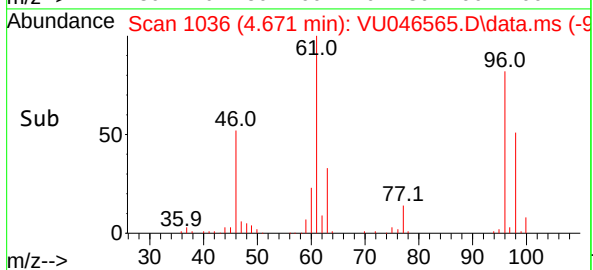
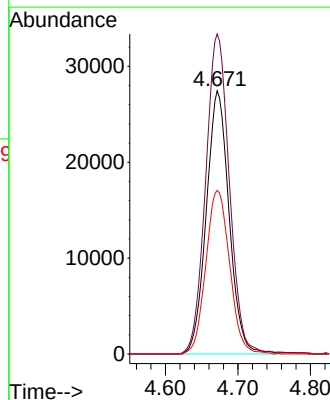
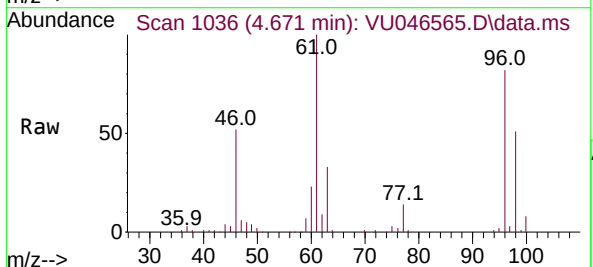
Instrument :
MSVOA_U
ClientSampleId :

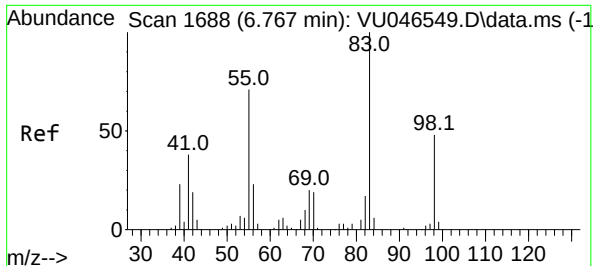
Tgt Ion: 96 Resp: 1195
Ion Ratio Lower Upper
96 100
61 118.2 100.8 187.2
98 57.9 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 7.658 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU046565.D
Acq: 22 Dec 2021 20:49

Tgt Ion: 96 Resp: 60143
Ion Ratio Lower Upper
96 100
61 121.6 88.5 164.3
98 62.1 44.4 82.5





#35

Methylcyclohexane

Concen: 0.761 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.070 min

Lab File: VU046565.D

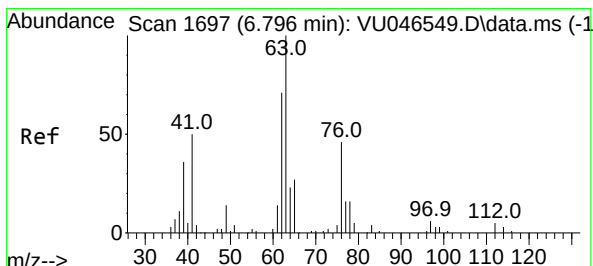
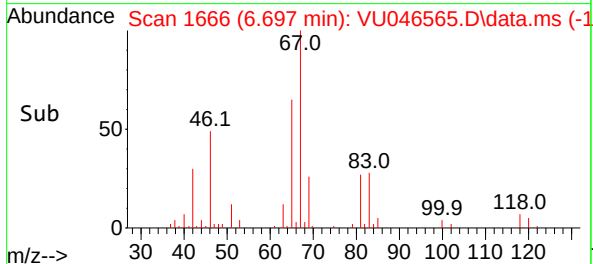
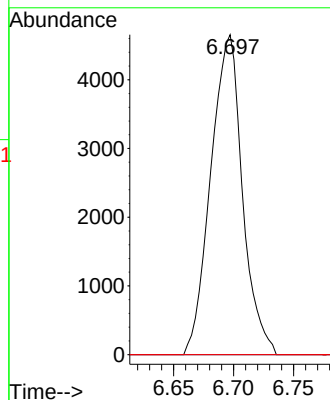
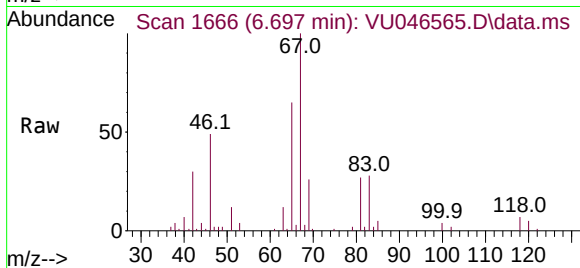
Acq: 22 Dec 2021 20:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 8555
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: 0.497 ug/L

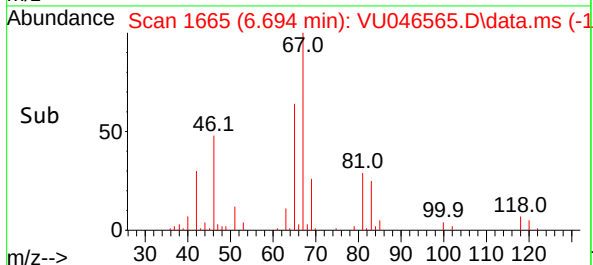
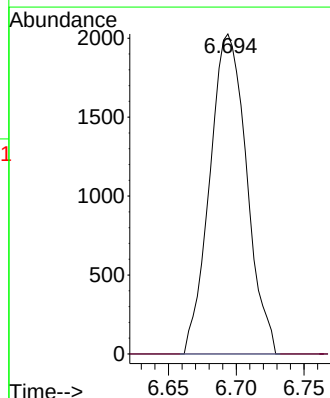
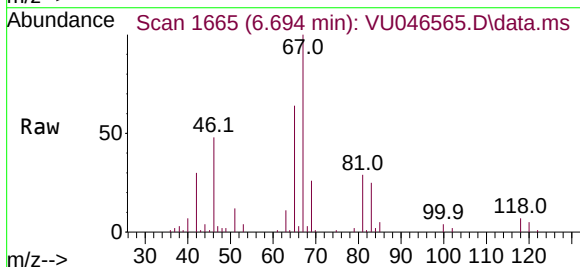
RT: 6.694 min Scan# 1665

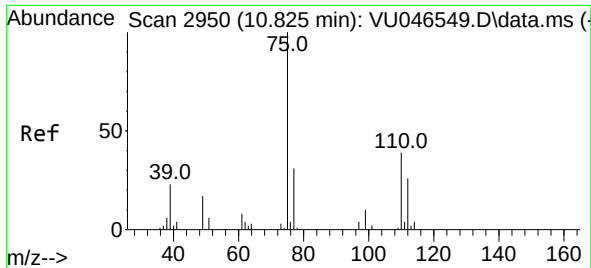
Delta R.T. -0.103 min

Lab File: VU046565.D

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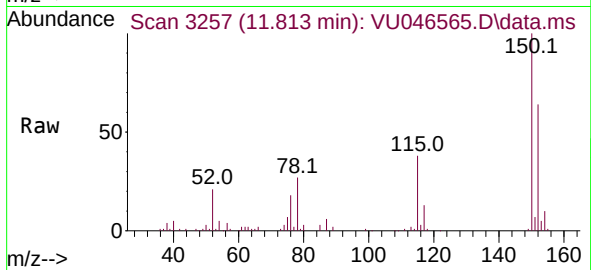
Tgt Ion: 63	Resp: 3835
Ion Ratio	Lower Upper
63	100
112	0.0 3.2 4.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.676 ug/L
 RT: 11.813 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046565.D
 Acq: 22 Dec 2021 20:49

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3803
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 29.9 25.5 38.3

