

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045873.D
 Acq On : 18 Nov 2021 17:07
 Operator : SY/MD
 Sample : M4664-06DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:55:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 00:50:55 2021
 Response via : Initial Calibration

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

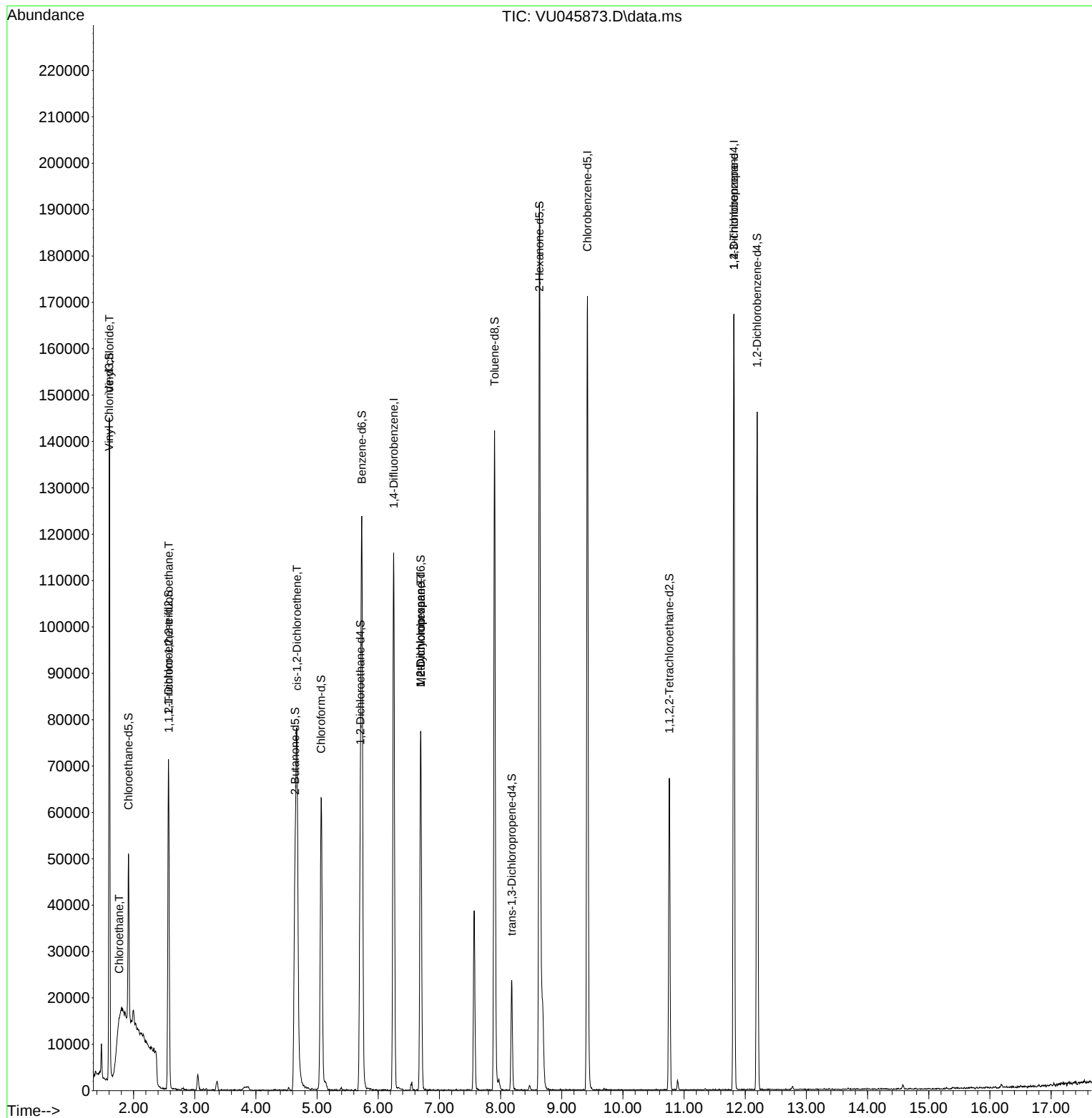
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	93056	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	97714	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	44886	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	32761	4.444	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.800%	
7) Chloroethane-d5	1.916	69	25920	4.829	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.600%	
11) 1,1-Dichloroethene-d2	2.571	65	13713	4.435	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.600%	
20) 2-Butanone-d5	4.642	46	98040	49.621	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.240%	
24) Chloroform-d	5.067	84	58896	4.795	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	5.706	65	33517	4.651	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.000%	
32) Benzene-d6	5.732	84	114634	4.260	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
36) 1,2-Dichloropropane-d6	6.693	67	36882	4.349	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.000%	
41) Toluene-d8	7.902	98	96550	3.966	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.400%	
43) trans-1,3-Dichloroprop...	8.182	79	13790	4.005	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.200%	
46) 2-Hexanone-d5	8.636	63	65701	42.399	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.800%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33296	4.647	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	37389	4.851	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	69351	8.606	ug/L	100
8) Chloroethane	1.764	64	27564	5.999	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	304	0.050	ug/L #	21
22) cis-1,2-Dichloroethene	4.671	96	29635	4.426	ug/L	99
35) Methylcyclohexane	6.693	83	8524	0.790	ug/L #	17
37) 1,2-Dichloropropane	6.693	63	3841	0.535	ug/L #	88
61) 1,2,3-Trichloropropane	11.815	75	5776	1.240	ug/L #	64

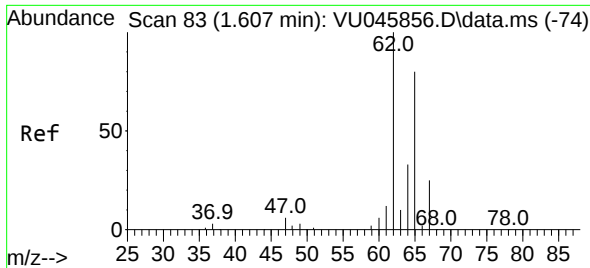
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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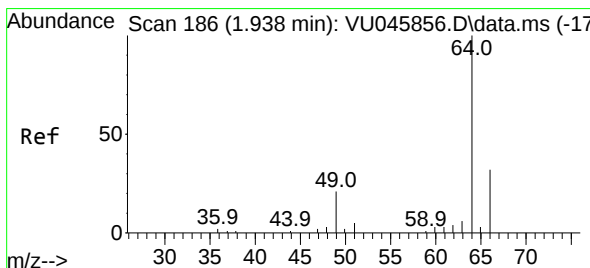
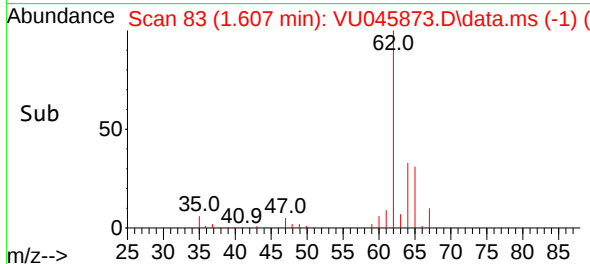
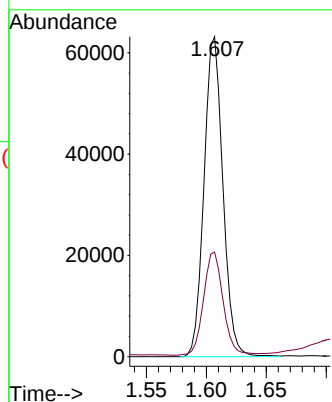
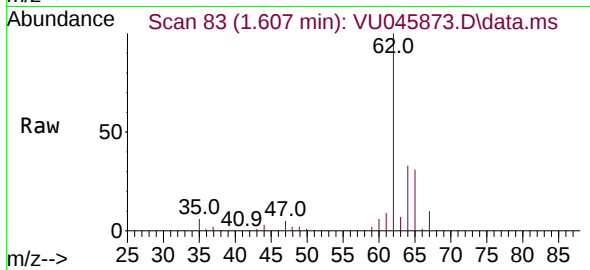




#5
 Vinyl chloride
 Concen: 8.606 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU045873.D
 Acq: 18 Nov 2021 17:07

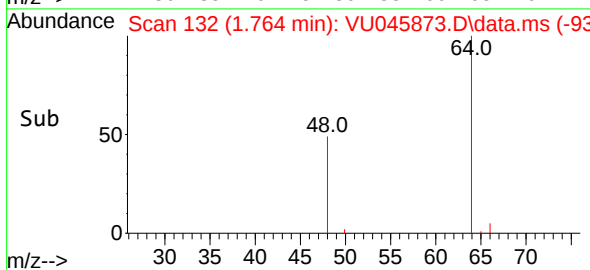
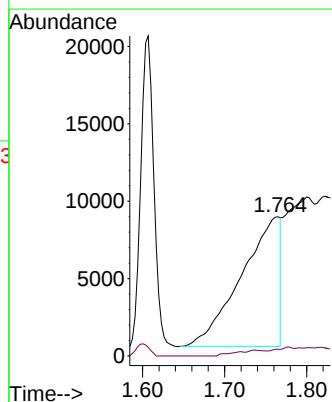
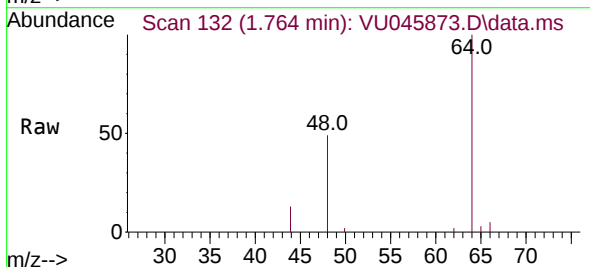
Instrument :
 MSVOA_U
 ClientSampleId :

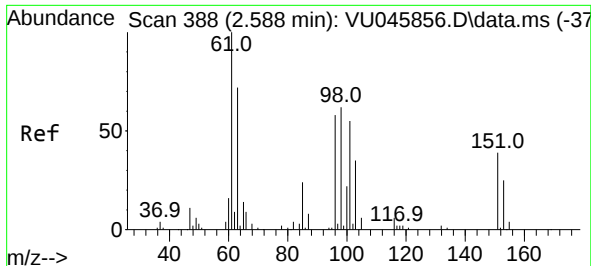
Tgt Ion: 62 Resp: 69351
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#8
 Chloroethane
 Concen: 5.999 ug/L
 RT: 1.764 min Scan# 132
 Delta R.T. -0.174 min
 Lab File: VU045873.D
 Acq: 18 Nov 2021 17:07

Tgt Ion: 64 Resp: 27564
 Ion Ratio Lower Upper
 64 100
 66 4.8 22.1 41.1#

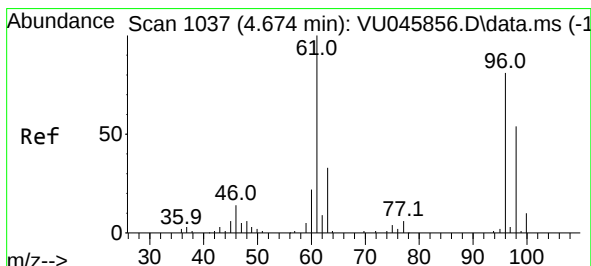
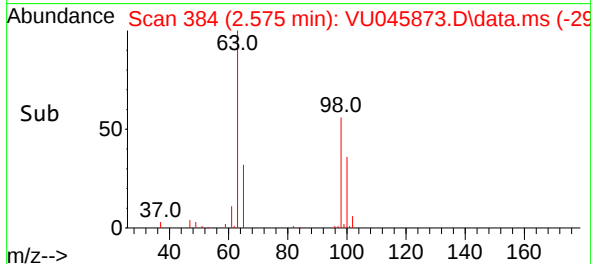
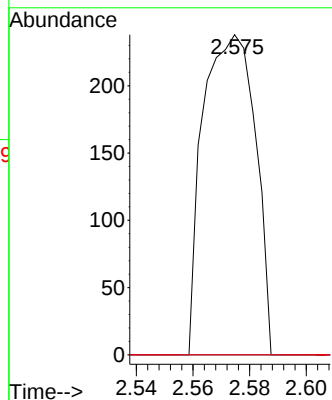
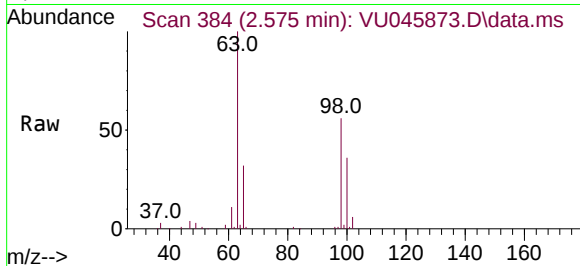




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.050 ug/L
 RT: 2.575 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VU045873.D
 Acq: 18 Nov 2021 17:07

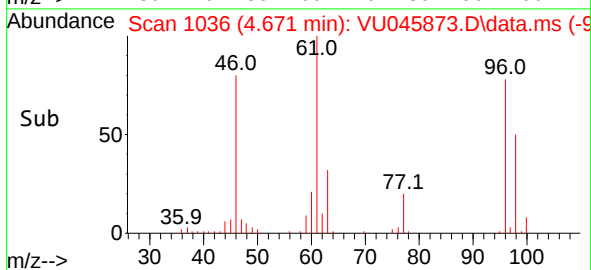
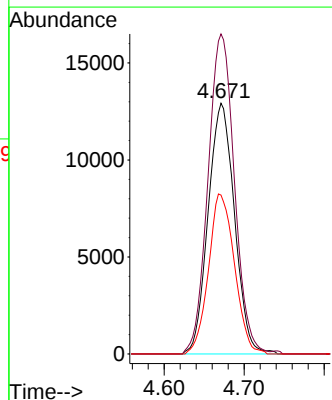
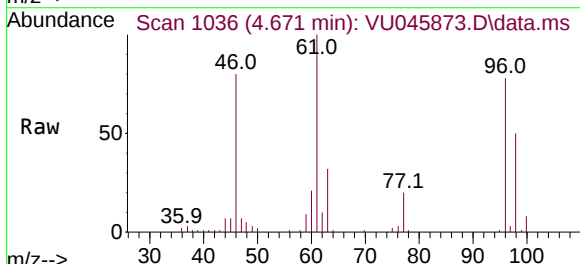
Instrument :
 MSVOA_U
 ClientSampleId :

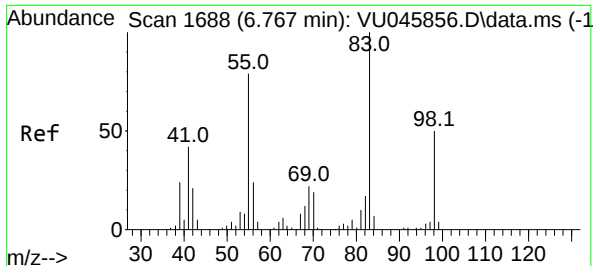
Tgt Ion:101 Resp: 304
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#22
 cis-1,2-Dichloroethene
 Concen: 4.426 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU045873.D
 Acq: 18 Nov 2021 17:07

Tgt Ion: 96 Resp: 29635
 Ion Ratio Lower Upper
 96 100
 61 127.7 88.5 164.3
 98 63.4 44.4 82.5

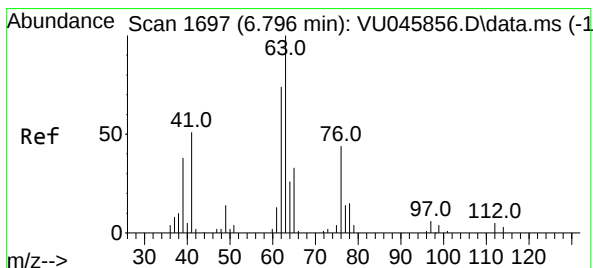
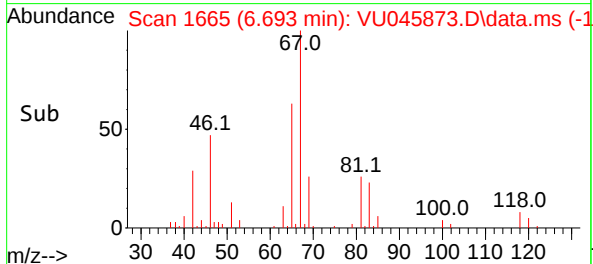
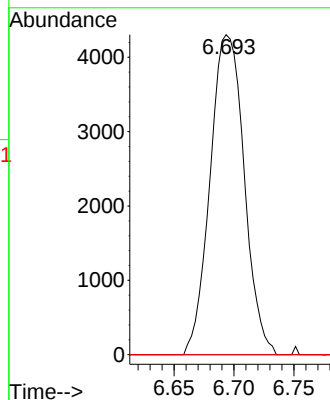
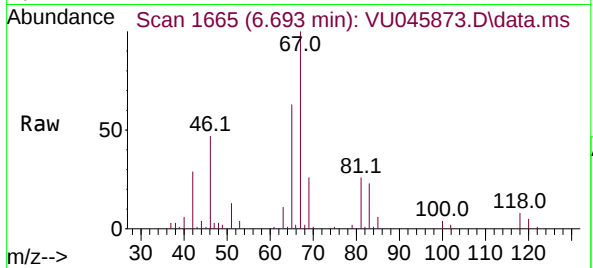




#35
Methylcyclohexane
Concen: 0.790 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045873.D
Acq: 18 Nov 2021 17:07

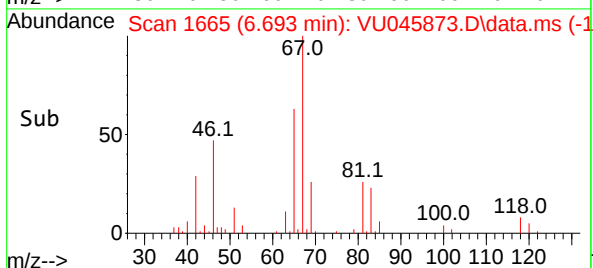
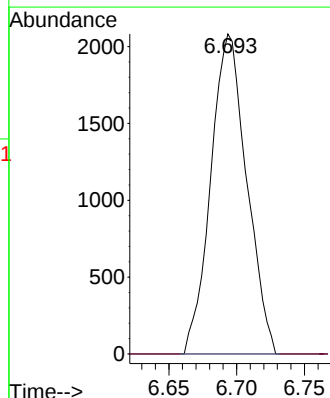
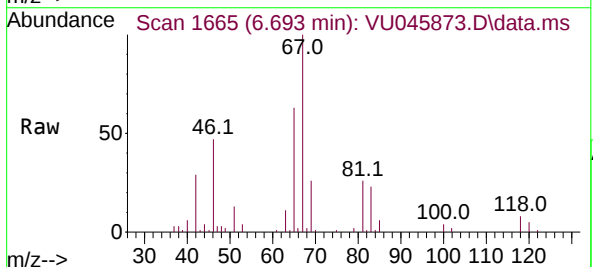
Instrument :
MSVOA_U
ClientSampleId :

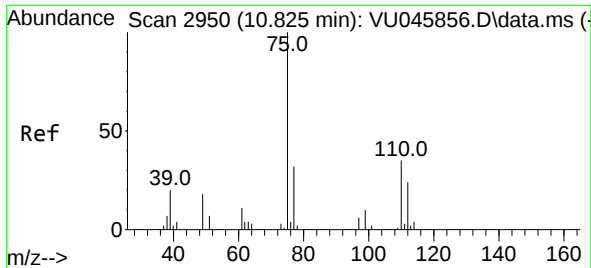
Tgt Ion: 83 Resp: 8524
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.535 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045873.D
Acq: 18 Nov 2021 17:07

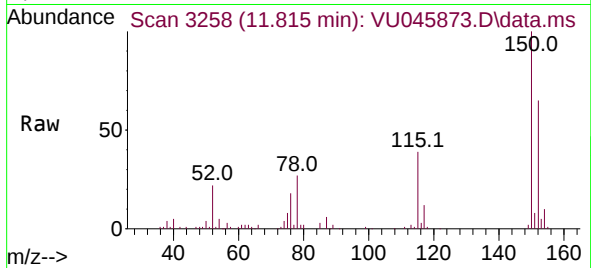
Tgt Ion: 63 Resp: 3841
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.240 ug/L
 RT: 11.815 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU045873.D
 Acq: 18 Nov 2021 17:07

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5776
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 29.7 25.5 38.3

