

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051514.D
 Acq On : 26 Oct 2022 20:14
 Operator : JC/MD
 Sample : N5270-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAE2

Quant Time: Oct 27 05:37:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:28:43 2022
 Response via : Initial Calibration

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

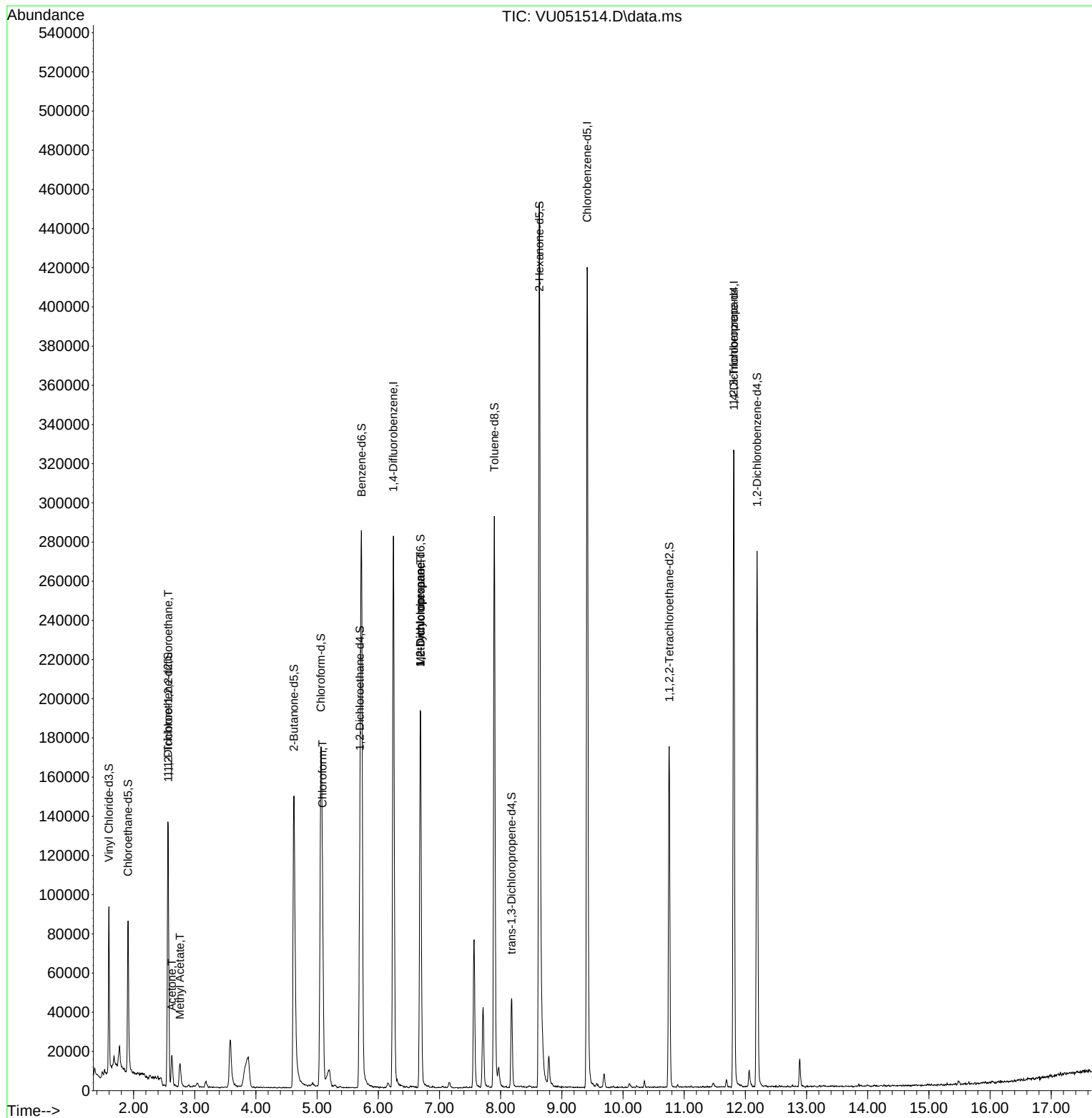
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	226025	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	241725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89435	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	62421	3.424	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.400%	
7) Chloroethane-d5	1.909	69	61875	3.950	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.000%	
11) 1,1-Dichloroethene-d2	2.562	65	25062	3.477	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.600%	
20) 2-Butanone-d5	4.620	46	209314	52.144	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.280%	
24) Chloroform-d	5.060	84	147374	4.336	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
26) 1,2-Dichloroethane-d4	5.700	65	80198	4.575	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
32) Benzene-d6	5.726	84	273699	4.116	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
36) 1,2-Dichloropropane-d6	6.687	67	96401	4.269	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.400%	
41) Toluene-d8	7.896	98	204788	3.442	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.800%#	
43) trans-1,3-Dichloroprop...	8.179	79	27066	3.648	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.000%	
46) 2-Hexanone-d5	8.632	63	143347	57.324	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	114.640%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	91248	5.058	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	74780	4.811	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.200%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	729	0.041	ug/L #	21
13) Acetone	2.626	43	18474	6.136	ug/L	98
15) Methyl Acetate	2.758	43	5131	0.701	ug/L #	50
25) Chloroform	5.086	83	77527	2.074	ug/L	99
35) Methylcyclohexane	6.687	83	21974	0.865	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	10167	0.460	ug/L #	89
61) 1,2,3-Trichloropropane	11.809	75	11414	1.011	ug/L #	71

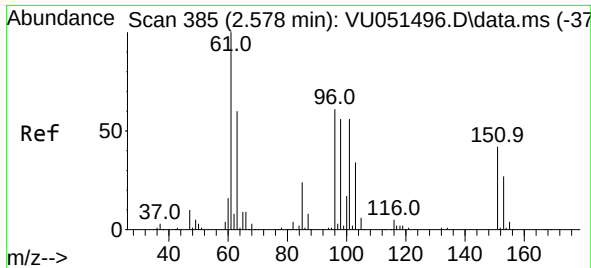
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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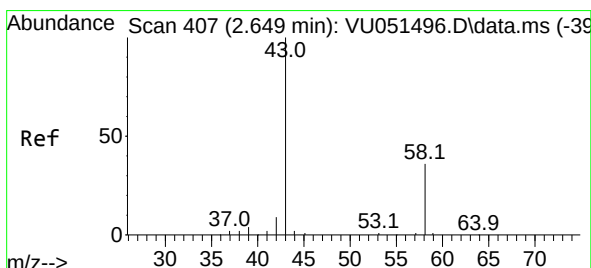
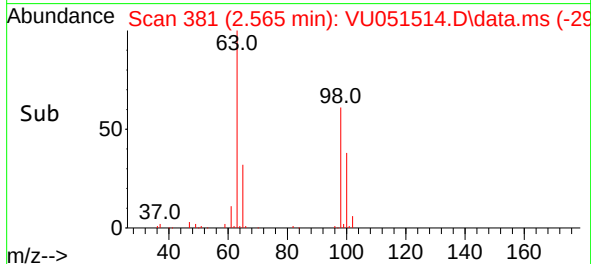
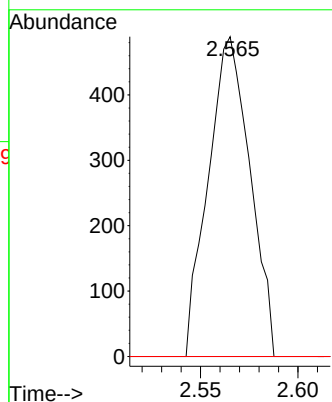
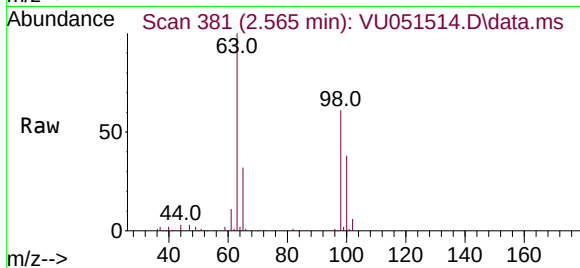




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.041 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051514.D
Acq: 26 Oct 2022 20:14

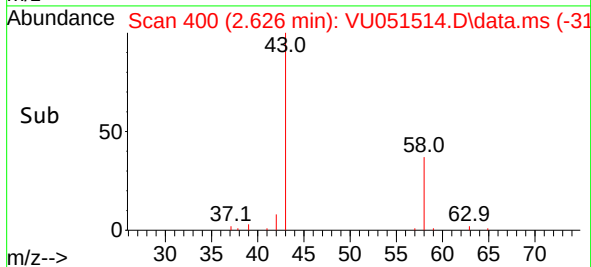
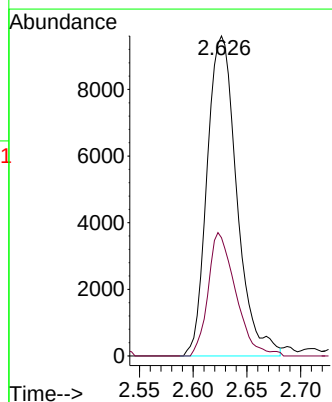
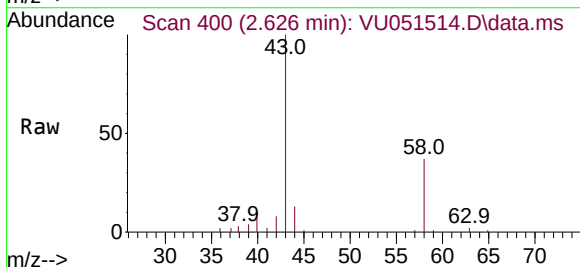
Instrument :
MSVOA_U
ClientSampleId :
BHA2

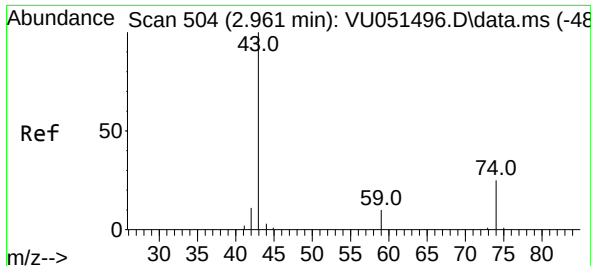
Tgt Ion:101 Resp: 729
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#



#13
Acetone
Concen: 6.136 ug/L
RT: 2.626 min Scan# 400
Delta R.T. -0.023 min
Lab File: VU051514.D
Acq: 26 Oct 2022 20:14

Tgt Ion: 43 Resp: 18474
Ion Ratio Lower Upper
43 100
58 35.6 0.0 68.8

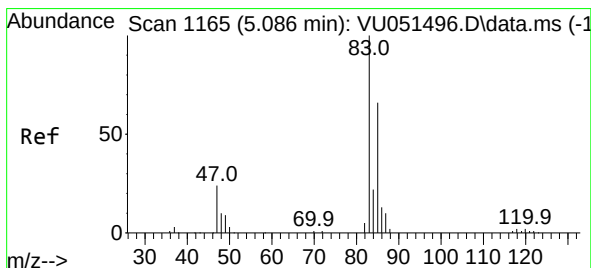
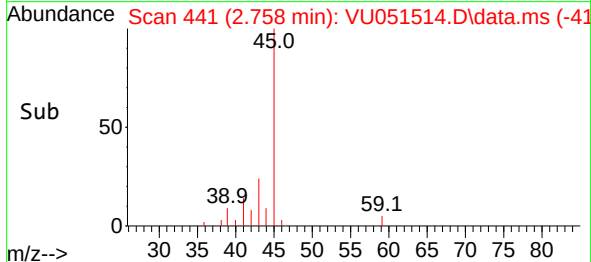
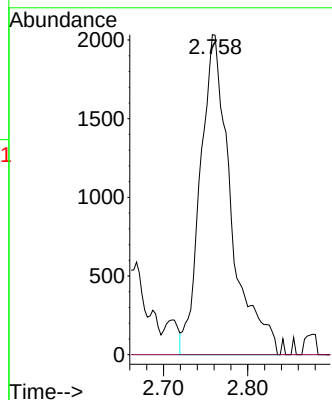
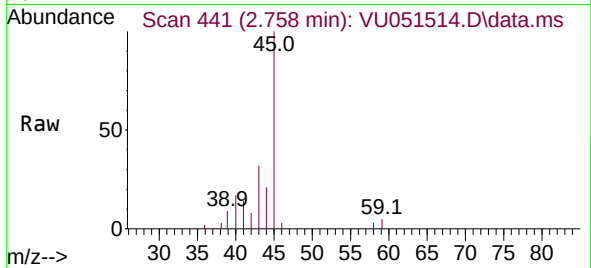




#15
Methyl Acetate
Concen: 0.701 ug/L
RT: 2.758 min Scan# 441
Delta R.T. -0.203 min
Lab File: VU051514.D
Acq: 26 Oct 2022 20:14

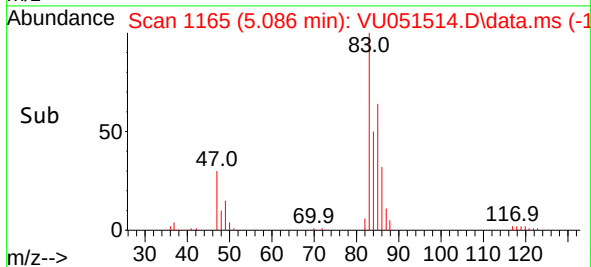
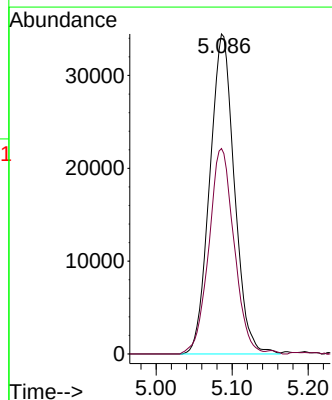
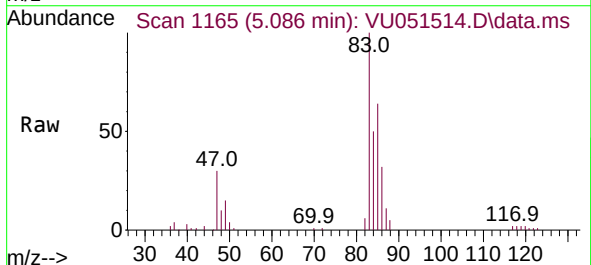
Instrument :
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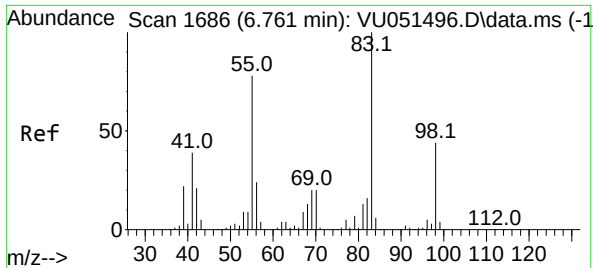
Tgt Ion: 43 Resp: 5131
Ion Ratio Lower Upper
43 100
74 0.0 20.0 30.0#



#25
Chloroform
Concen: 2.074 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU051514.D
Acq: 26 Oct 2022 20:14

Tgt Ion: 83 Resp: 77527
Ion Ratio Lower Upper
83 100
85 64.2 45.6 84.6

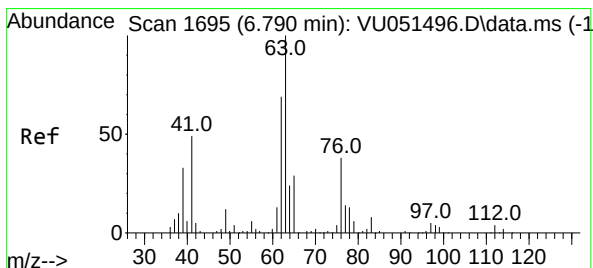
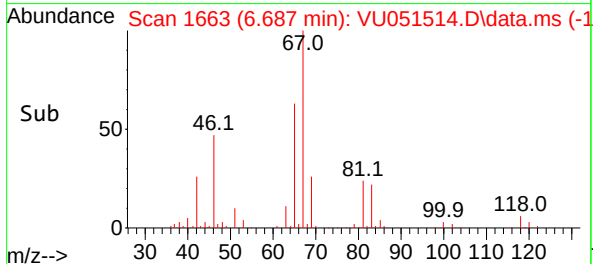
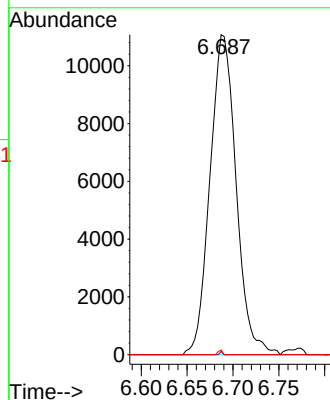
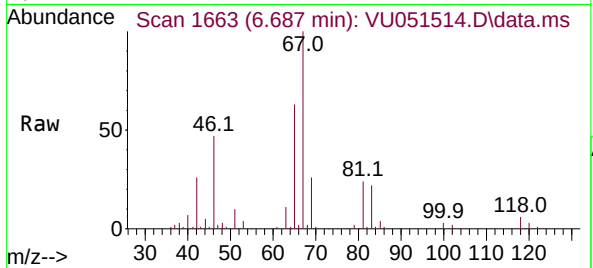




#35
Methylcyclohexane
Concen: 0.865 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU051514.D
Acq: 26 Oct 2022 20:14

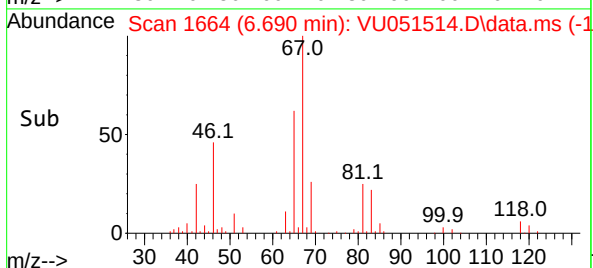
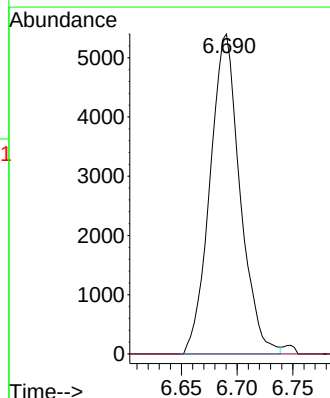
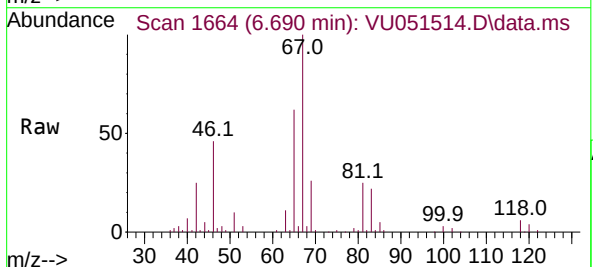
Instrument :
MSVOA_U
ClientSampleId :
BHA2

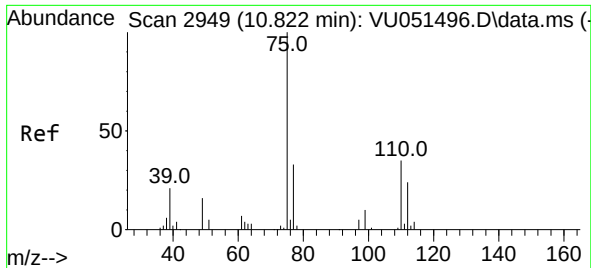
Tgt Ion: 83 Resp: 21974
Ion Ratio Lower Upper
83 100
55 0.1 65.8 98.6#
98 0.2 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.460 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051514.D
Acq: 26 Oct 2022 20:14

Tgt Ion: 63 Resp: 10167
Ion Ratio Lower Upper
63 100
112 0.4 3.2 4.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.011 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU051514.D
 Acq: 26 Oct 2022 20:14

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA2

Tgt Ion: 75 Resp: 11414
 Ion Ratio Lower Upper
 75 100
 110 1.7 27.0 40.6#
 77 32.0 26.4 39.6

