

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021323\
 Data File : VU053081.D
 Acq On : 13 Feb 2023 15:23
 Operator : JC/MD
 Sample : 01533-02DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM18DL

Quant Time: Feb 14 00:47:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 14 00:41:52 2023
 Response via : Initial Calibration

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

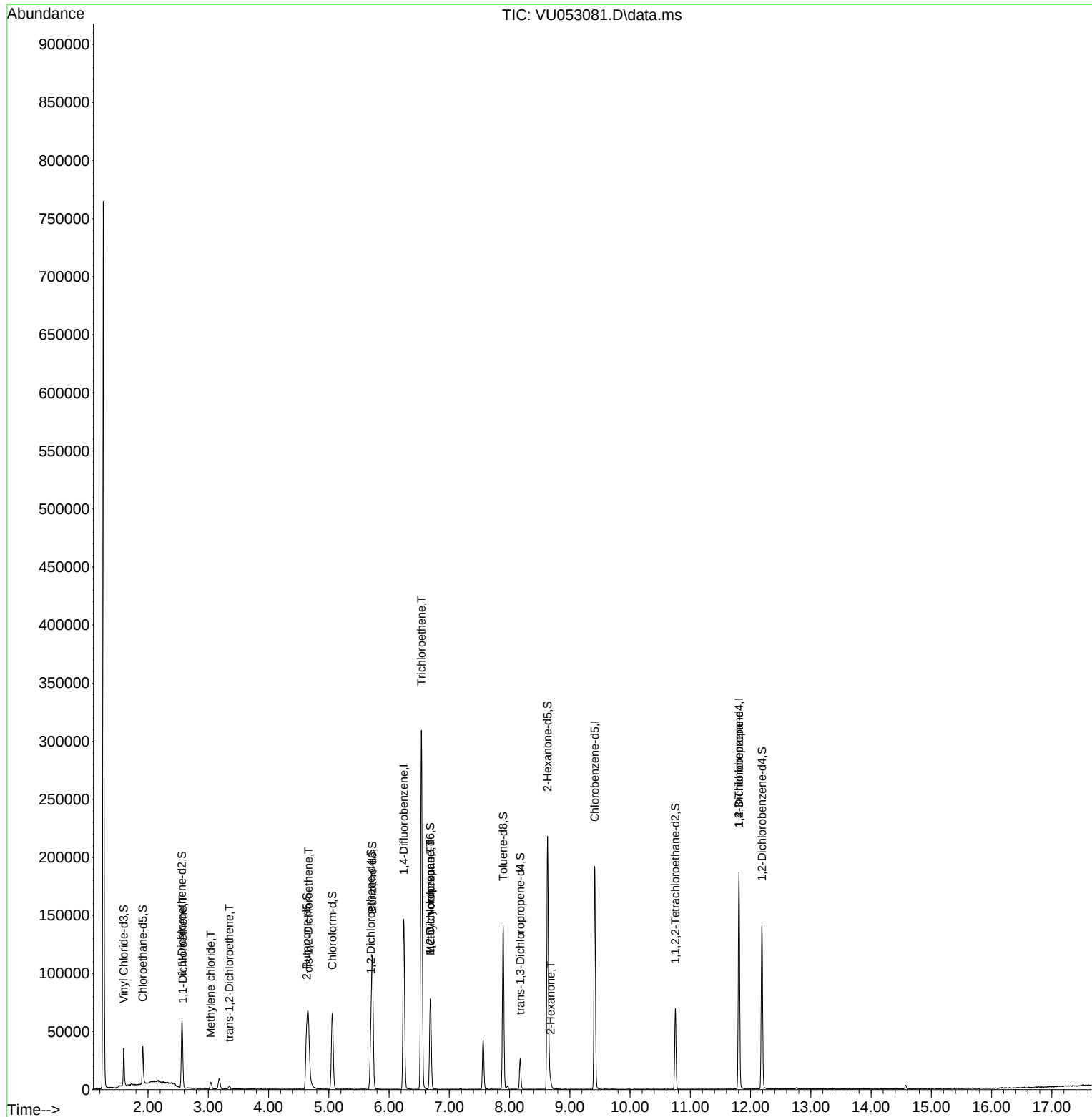
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	118674	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	103804	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	46569	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	22451	3.949	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.000%	
7) Chloroethane-d5	1.913	69	24225	4.533	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.600%	
11) 1,1-Dichloroethene-d2	2.563	65	10505	4.028	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.600%	
20) 2-Butanone-d5	4.633	46	95403	54.792	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.580%	
24) Chloroform-d	5.058	84	58574	4.477	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.600%	
26) 1,2-Dichloroethane-d4	5.698	65	31781	4.821	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
32) Benzene-d6	5.723	84	109436	4.692	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	6.685	67	39837	4.903	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.000%	
41) Toluene-d8	7.894	98	95074	4.512	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.200%	
43) trans-1,3-Dichloroprop...	8.177	79	15264	4.641	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.800%	
46) 2-Hexanone-d5	8.630	63	78707	53.901	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.800%	
56) 1,1,2,2-Tetrachloroeth...	10.752	84	34673	4.969	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.400%	
66) 1,2-Dichlorobenzene-d4	12.189	152	34847	5.009	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.200%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	1723	0.245	ug/L #	1
16) Methylene chloride	3.042	84	2949	0.363	ug/L	81
18) trans-1,2-Dichloroethene	3.350	96	1223	0.165	ug/L	94
22) cis-1,2-Dichloroethene	4.662	96	16986	2.026	ug/L	94
34) Trichloroethene	6.537	95	104159	12.375	ug/L	97
35) Methylcyclohexane	6.688	83	9031	0.663	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	3967	0.487	ug/L #	90
48) 2-Hexanone	8.681	43	2932	0.940	ug/L #	80
61) 1,2,3-Trichloropropane	11.807	75	6880	1.539	ug/L #	67

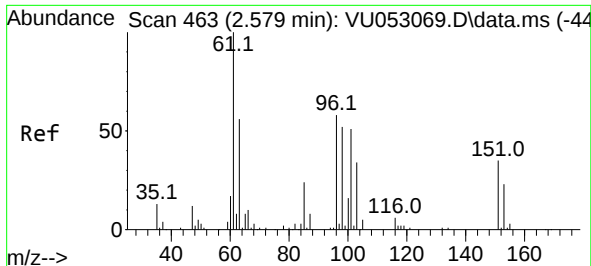
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 14 00:41:52 2023
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#12

1,1-Dichloroethene

Concen: 0.245 ug/L

RT: 2.576 min Scan# 4

Delta R.T. -0.003 min

Lab File: VU053081.D

Acq: 13 Feb 2023 15:23

Instrument :

MSVOA_U

ClientSampleId :

COM18DL

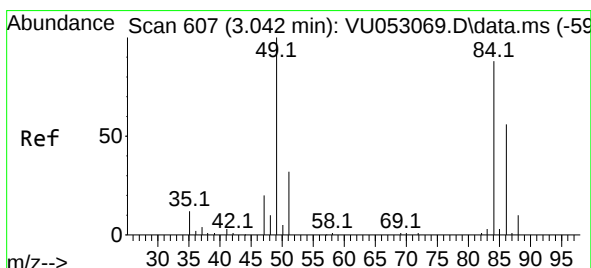
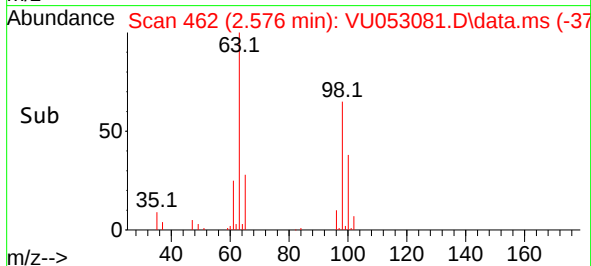
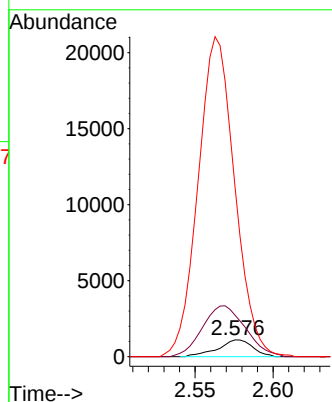
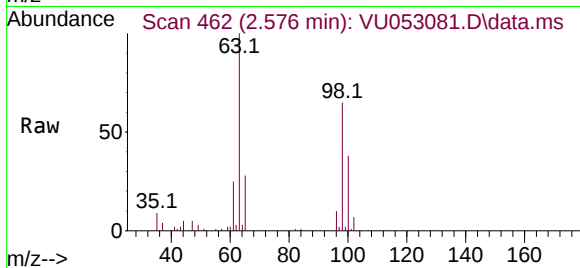
Tgt Ion: 96 Resp: 1723

Ion Ratio Lower Upper

96 100

61 246.3 115.1 213.7#

63 1004.5 63.6 118.0#



#16

Methylene chloride

Concen: 0.363 ug/L

RT: 3.042 min Scan# 607

Delta R.T. -0.000 min

Lab File: VU053081.D

Acq: 13 Feb 2023 15:23

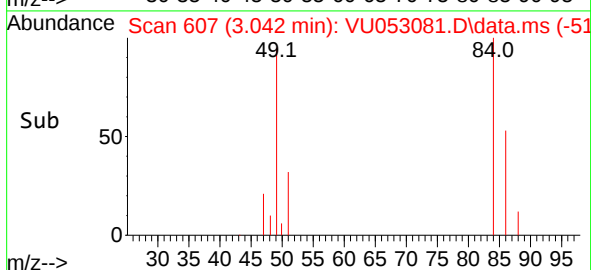
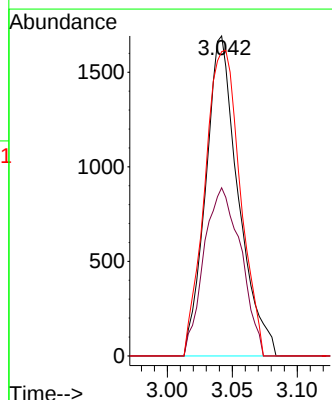
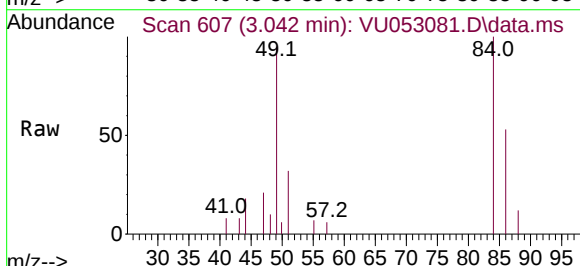
Tgt Ion: 84 Resp: 2949

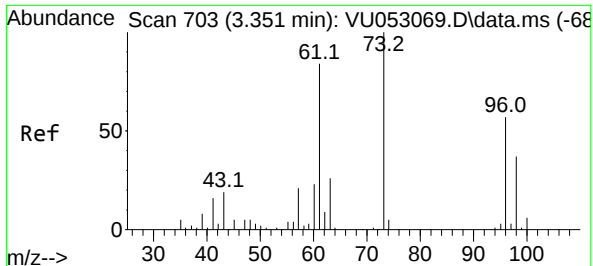
Ion Ratio Lower Upper

84 100

86 52.5 44.9 83.3

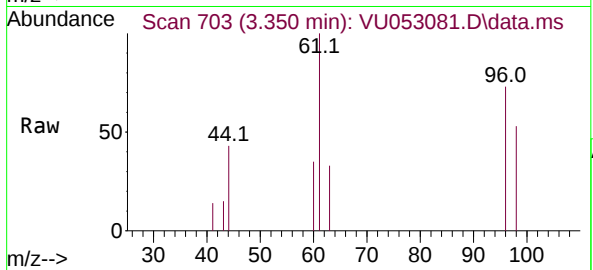
49 95.1 82.6 153.4



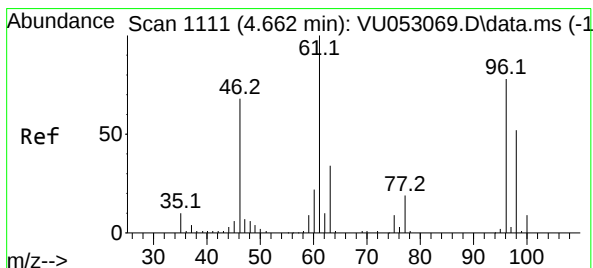
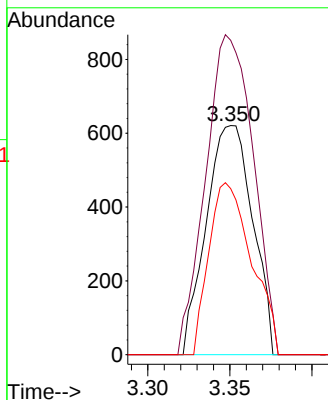
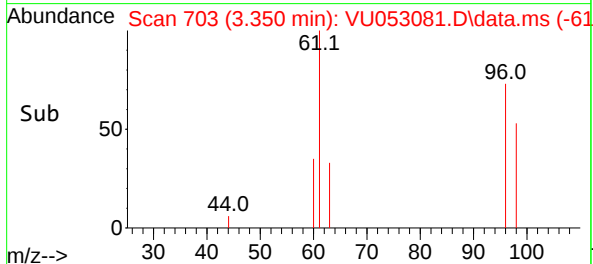


#18
trans-1,2-Dichloroethene
Concen: 0.165 ug/L
RT: 3.350 min Scan# 703
Delta R.T. -0.000 min
Lab File: VU053081.D
Acq: 13 Feb 2023 15:23

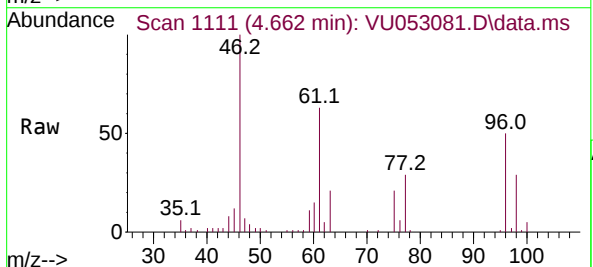
Instrument :
MSVOA_U
ClientSampleId :
COM18DL



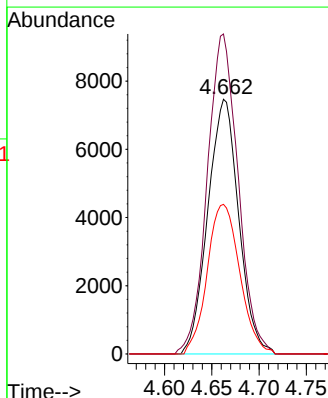
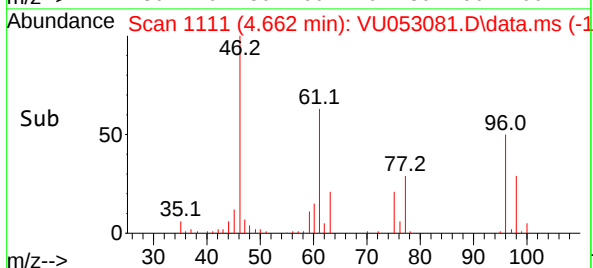
Tgt Ion: 96	Resp: 1223
Ion Ratio	Lower Upper
96 100	
61 137.2	99.5 184.9
98 72.5	44.8 83.2

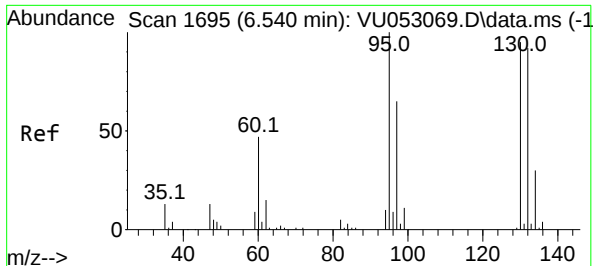


#22
cis-1,2-Dichloroethene
Concen: 2.026 ug/L
RT: 4.662 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VU053081.D
Acq: 13 Feb 2023 15:23



Tgt Ion: 96	Resp: 16986
Ion Ratio	Lower Upper
96 100	
61 125.6	90.9 168.9
98 58.7	47.0 87.4

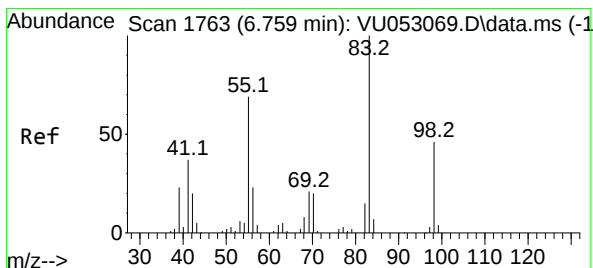
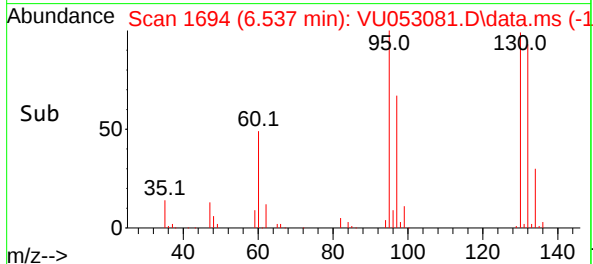
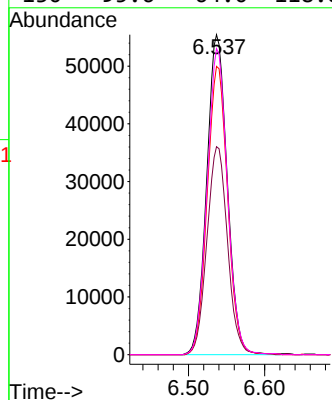
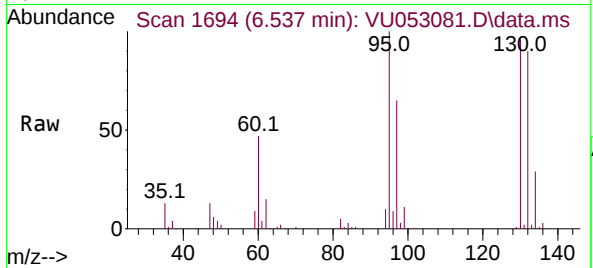




#34
Trichloroethene
Concen: 12.375 ug/L
RT: 6.537 min Scan# 1740
Delta R.T. -0.003 min
Lab File: VU053081.D
Acq: 13 Feb 2023 15:23

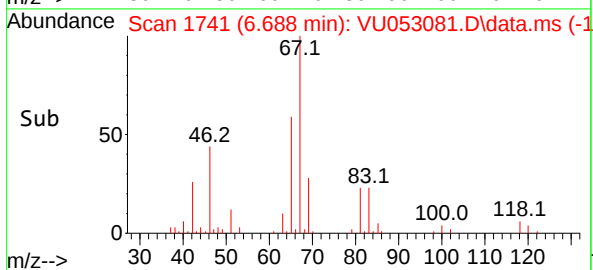
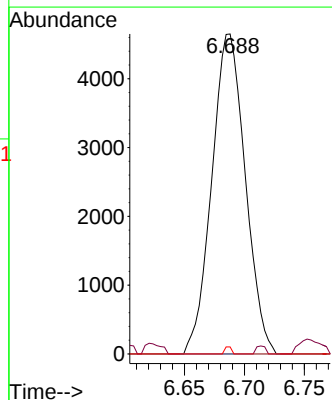
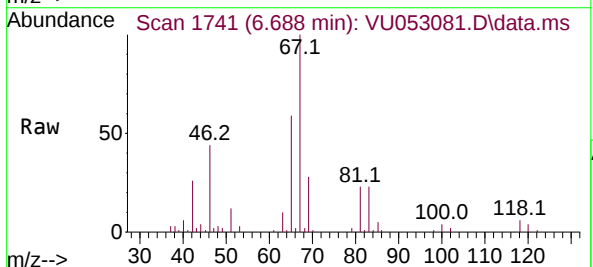
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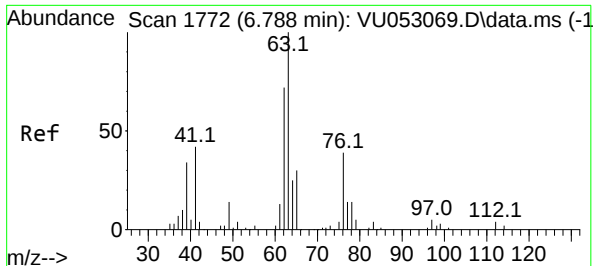
Tgt Ion: 95 Resp: 104159
Ion Ratio Lower Upper
95 100
97 65.0 44.7 82.9
132 90.1 62.3 115.7
130 95.6 64.0 118.8



#35
Methylcyclohexane
Concen: 0.663 ug/L
RT: 6.688 min Scan# 1741
Delta R.T. -0.071 min
Lab File: VU053081.D
Acq: 13 Feb 2023 15:23

Tgt Ion: 83 Resp: 9031
Ion Ratio Lower Upper
83 100
55 0.7 57.9 86.9#
98 0.0 36.4 54.6#

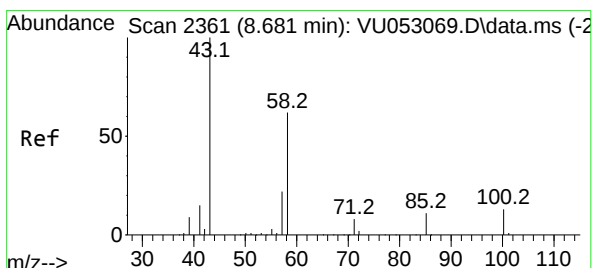
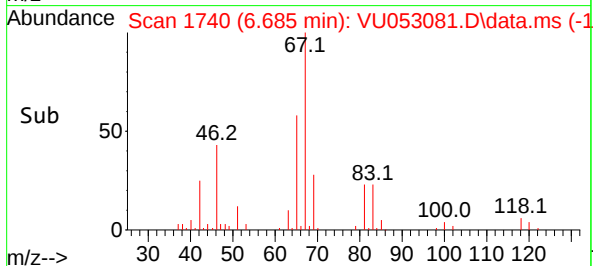
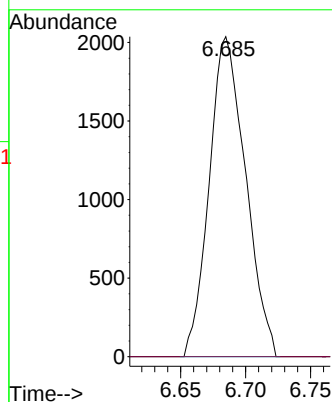
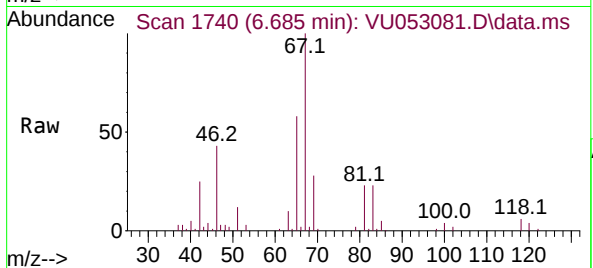




#37
1,2-Dichloropropane
Concen: 0.487 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU053081.D
Acq: 13 Feb 2023 15:23

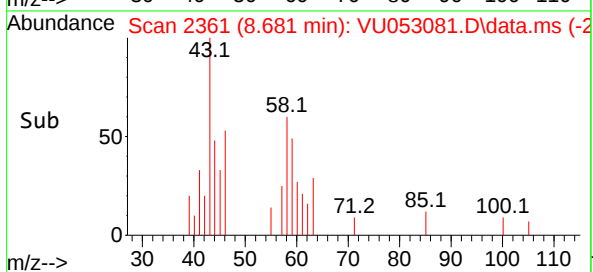
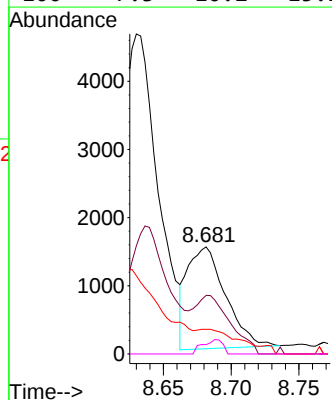
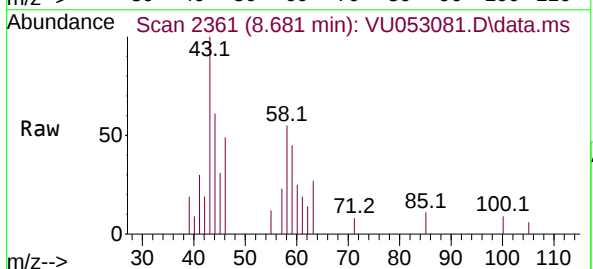
Instrument :
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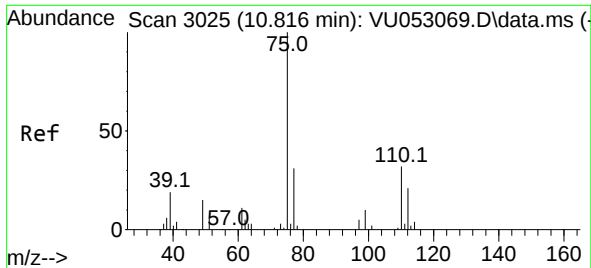
Tgt Ion: 63 Resp: 3967
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#48
2-Hexanone
Concen: 0.940 ug/L
RT: 8.681 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU053081.D
Acq: 13 Feb 2023 15:23

Tgt Ion: 43 Resp: 2932
Ion Ratio Lower Upper
43 100
58 53.1 50.3 75.5
57 0.0 17.4 26.0#
100 7.3 10.2 15.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.539 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053081.D
 Acq: 13 Feb 2023 15:23

Instrument :
 MSVOA_U
 ClientSampleId :
 COM18DL

Tgt Ion: 75 Resp: 6880
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.6 42.8#
 77 32.5 27.6 41.4

