

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021323\
 Data File : VU053083.D
 Acq On : 13 Feb 2023 16:11
 Operator : JC/MD
 Sample : 01533-04DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM75DL

Quant Time: Feb 14 00:47:43 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)

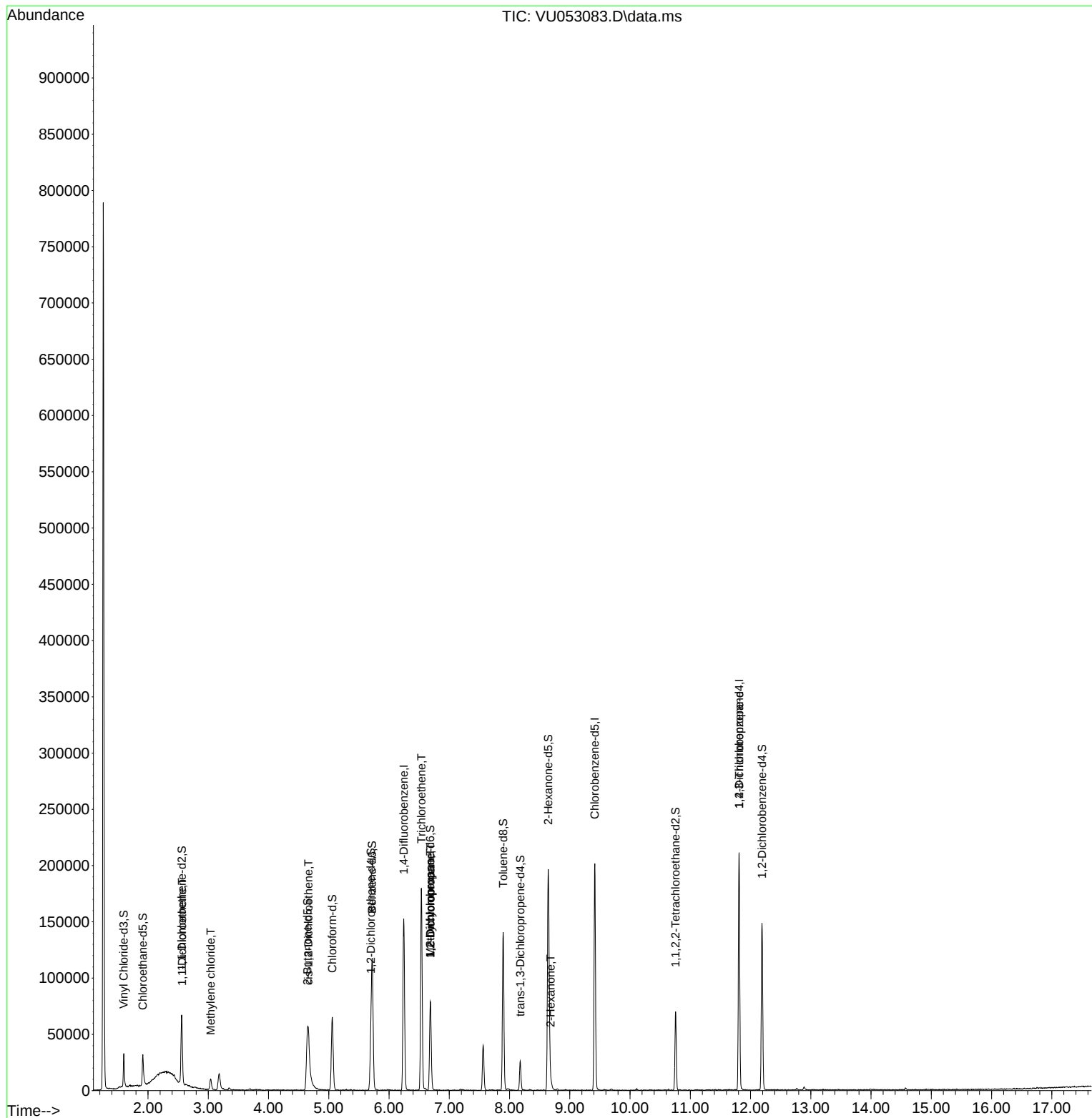
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	123917	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	108619	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	51618	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	21979	3.702	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.913	69	23626	4.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.560	65	11592	4.257	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.646	46	94949	52.224	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.440%
24) Chloroform-d	5.058	84	58388	4.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.698	65	31504	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.720	84	110400	4.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.685	67	39253	4.617	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.894	98	96087	4.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.177	79	14753	4.287	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.643	63	83937	54.935	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.860%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	35082	4.805	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	36414	4.722	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.566	96	1332	0.182	ug/L #	1
16) Methylene chloride	3.042	84	4843	0.571	ug/L	95
22) cis-1,2-Dichloroethene	4.662	96	10234	1.169	ug/L	97
34) Trichloroethene	6.537	95	60942	6.920	ug/L	98
35) Methylcyclohexane	6.685	83	8982	0.630	ug/L #	21
37) 1,2-Dichloropropane	6.688	63	4203	0.493	ug/L #	90
48) 2-Hexanone	8.681	43	3108	0.952	ug/L #	41
61) 1,2,3-Trichloropropane	11.810	75	7022	1.417	ug/L #	70

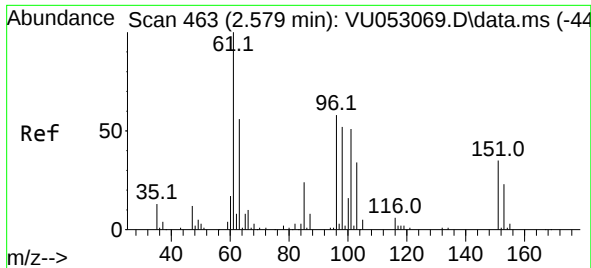
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021323\
Data File : VU053083.D
Acq On : 13 Feb 2023 16:11
Operator : JC/MD
Sample : 01533-04DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM75DL

Quant Time: Feb 14 00:47:43 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

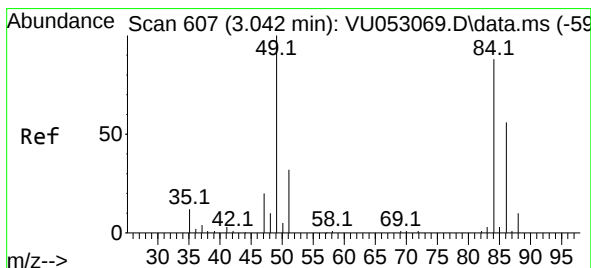
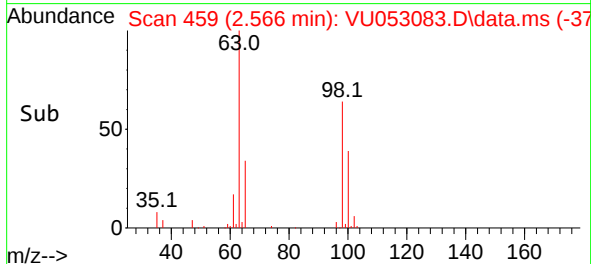
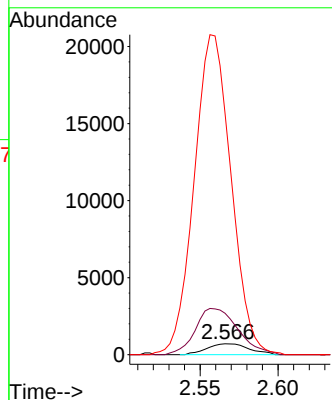
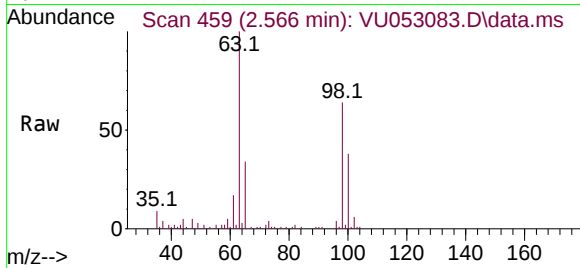




#12
1,1-Dichloroethene
Concen: 0.182 ug/L
RT: 2.566 min Scan# 411
Delta R.T. -0.013 min
Lab File: VU053083.D
Acq: 13 Feb 2023 16:11

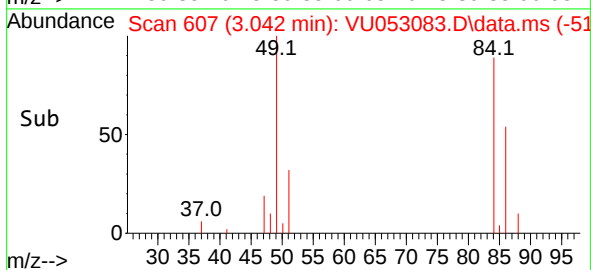
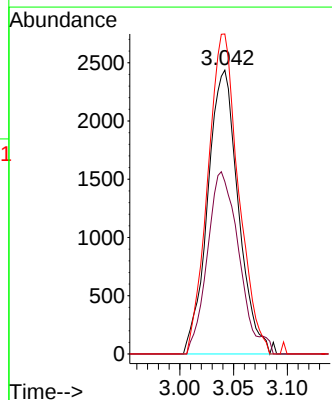
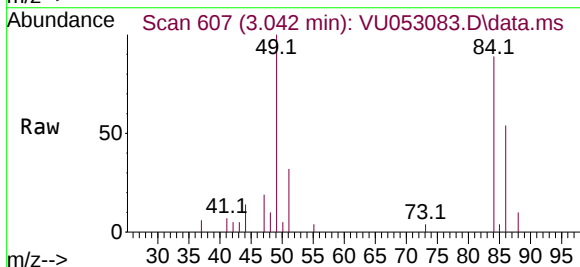
Instrument :
MSVOA_U
ClientSampleId :
COM75DL

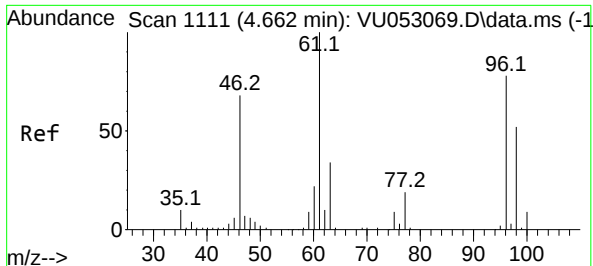
Tgt Ion: 96 Resp: 1332
Ion Ratio Lower Upper
96 100
61 381.8 115.1 213.7#
63 2225.2 63.6 118.0#



#16
Methylene chloride
Concen: 0.571 ug/L
RT: 3.042 min Scan# 607
Delta R.T. -0.000 min
Lab File: VU053083.D
Acq: 13 Feb 2023 16:11

Tgt Ion: 84 Resp: 4843
Ion Ratio Lower Upper
84 100
86 60.8 44.9 83.3
49 112.8 82.6 153.4





#22

cis-1,2-Dichloroethene

Concen: 1.169 ug/L

RT: 4.662 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VU053083.D

Acq: 13 Feb 2023 16:11

Instrument :

MSVOA_U

ClientSampleId :

COM75DL

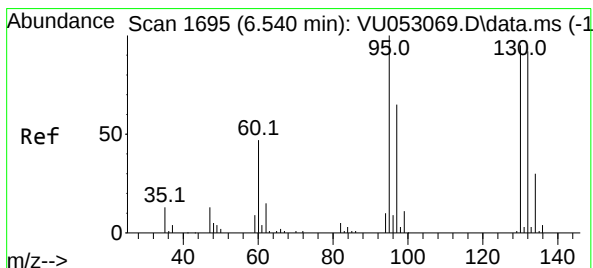
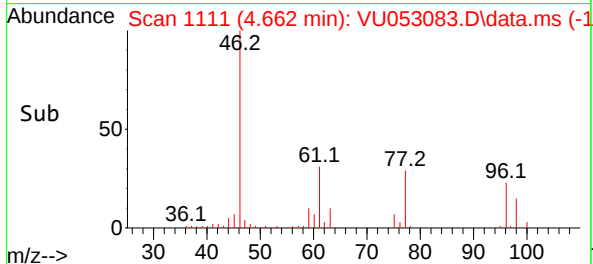
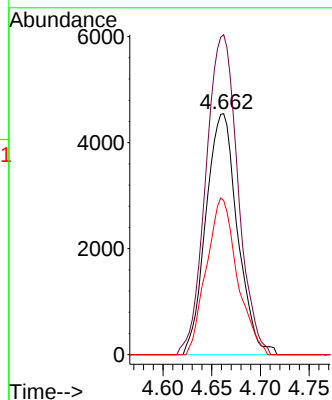
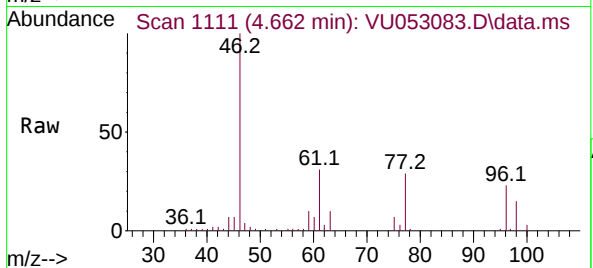
Tgt Ion: 96 Resp: 10234

Ion Ratio Lower Upper

96 100

61 132.8 90.9 168.9

98 63.9 47.0 87.4



#34

Trichloroethene

Concen: 6.920 ug/L

RT: 6.537 min Scan# 1694

Delta R.T. -0.003 min

Lab File: VU053083.D

Acq: 13 Feb 2023 16:11

Tgt Ion: 95 Resp: 60942

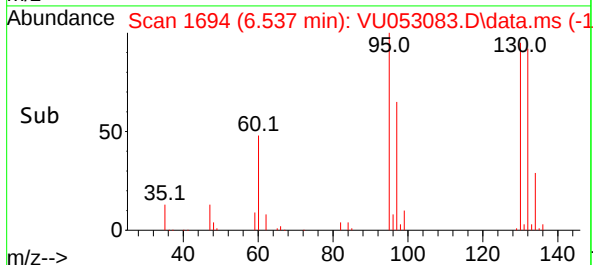
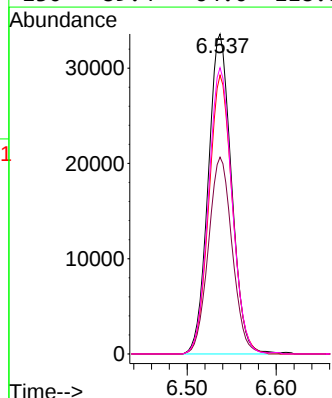
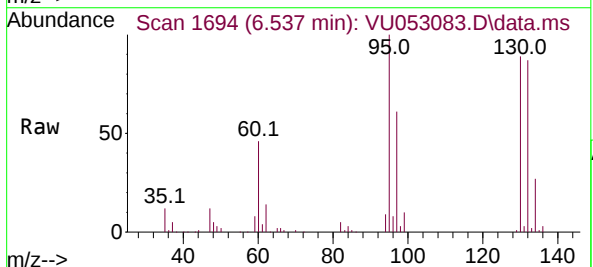
Ion Ratio Lower Upper

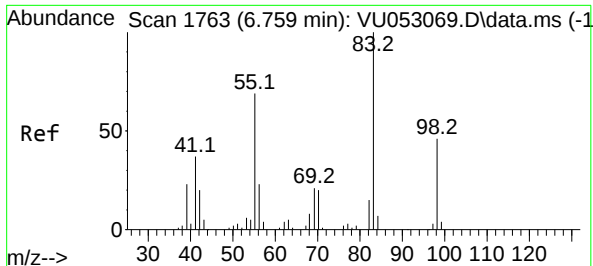
95 100

97 61.5 44.7 82.9

132 87.1 62.3 115.7

130 89.4 64.0 118.8

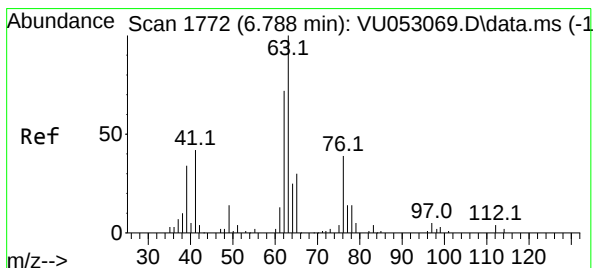
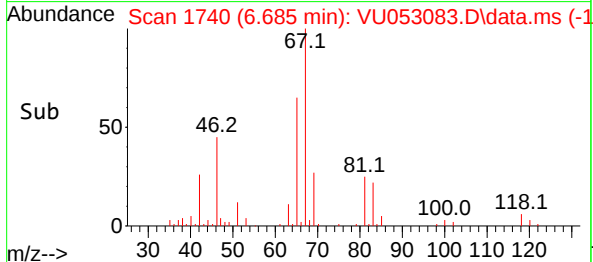
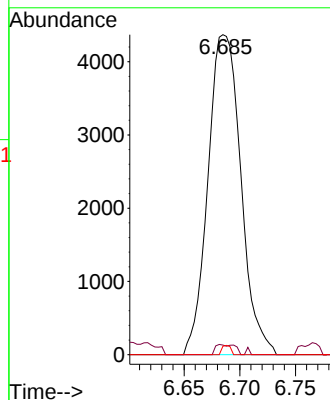
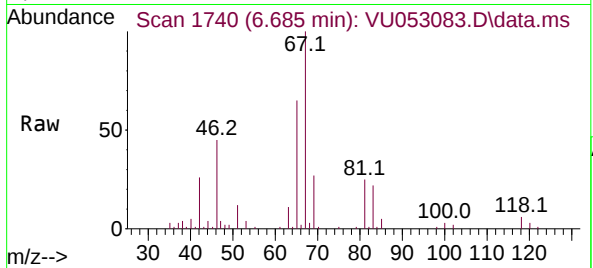




#35
Methylcyclohexane
Concen: 0.630 ug/L
RT: 6.685 min Scan# 1740
Delta R.T. -0.074 min
Lab File: VU053083.D
Acq: 13 Feb 2023 16:11

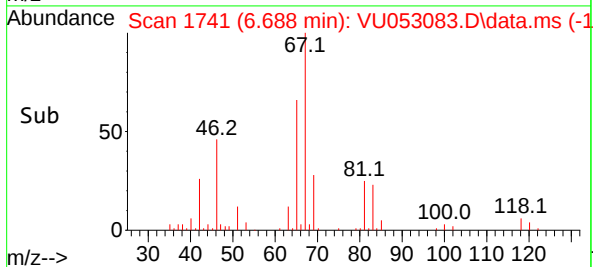
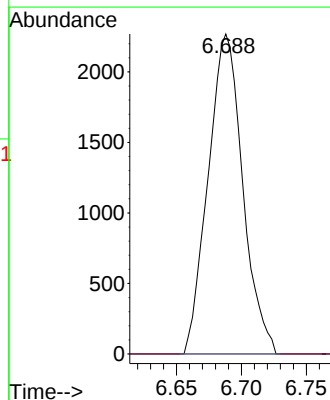
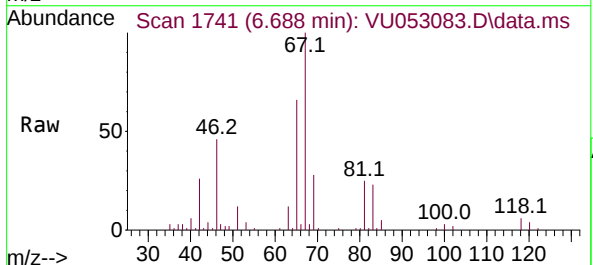
Instrument :
MSVOA_U
ClientSampleId :
COM75DL

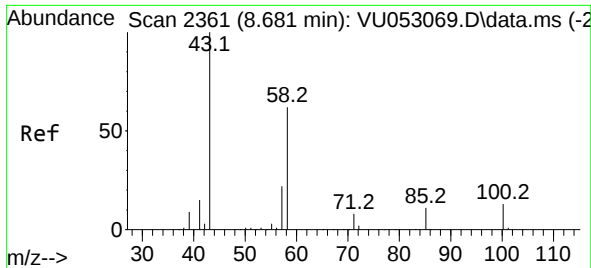
Tgt Ion: 83 Resp: 8982
Ion Ratio Lower Upper
83 100
55 1.1 57.9 86.9#
98 0.8 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.493 ug/L
RT: 6.688 min Scan# 1741
Delta R.T. -0.100 min
Lab File: VU053083.D
Acq: 13 Feb 2023 16:11

Tgt Ion: 63 Resp: 4203
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

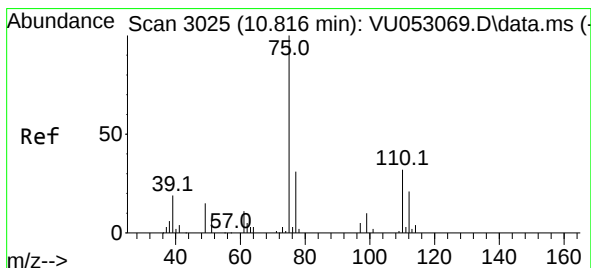
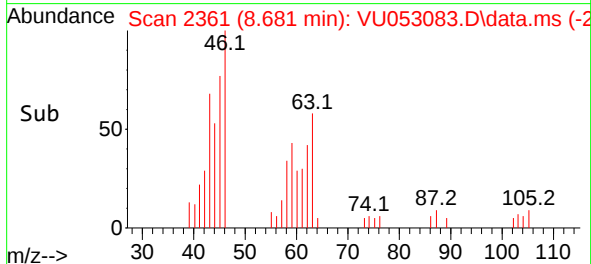
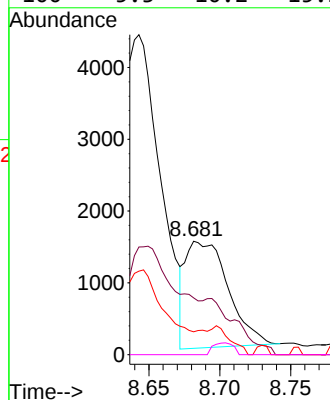
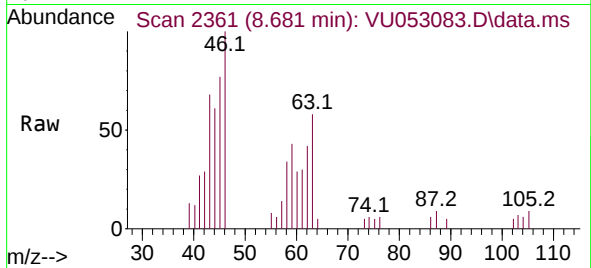




#48
2-Hexanone
Concen: 0.952 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053083.D
Acq: 13 Feb 2023 16:11

Instrument :
MSVOA_U
ClientSampleId :
COM75DL

Tgt Ion: 43	Resp:	3108
Ion Ratio	Lower	Upper
43	100	
58	0.0	50.3 75.5#
57	12.3	17.4 26.0#
100	5.3	10.2 15.2#



#61
1,2,3-Trichloropropane
Concen: 1.417 ug/L
RT: 11.810 min Scan# 3334
Delta R.T. 0.994 min
Lab File: VU053083.D
Acq: 13 Feb 2023 16:11

Tgt Ion: 75	Resp:	7022
Ion Ratio	Lower	Upper
75	100	
110	1.7	28.6 42.8#
77	35.1	27.6 41.4

