

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021123\
 Data File : VU053066.D
 Acq On : 11 Feb 2023 22:32
 Operator : JC/MD
 Sample : 01533-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM81

Quant Time: Feb 12 22:52:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 12 22:49:21 2023
 Response via : Initial Calibration

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

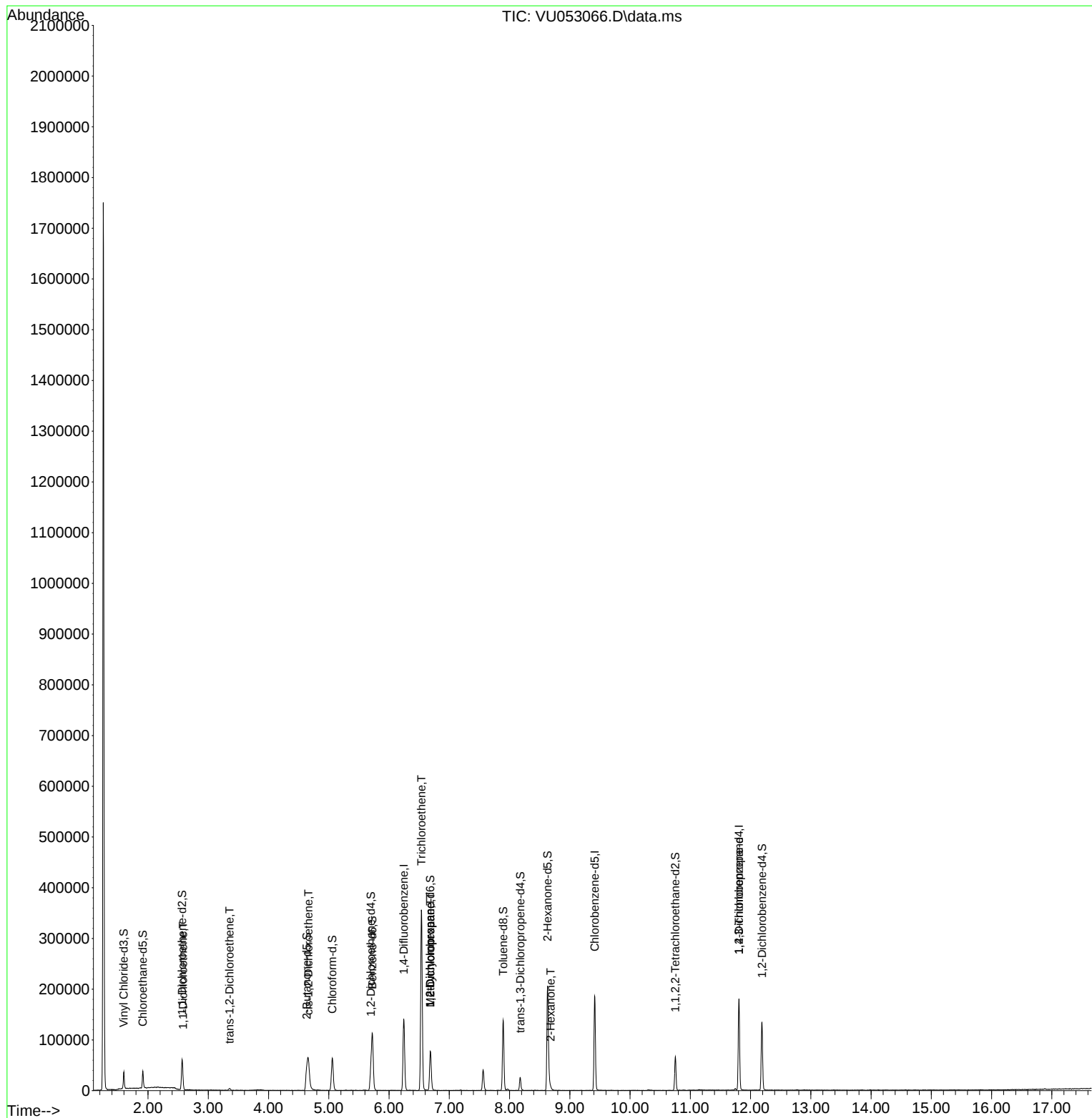
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	113768	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	99547	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	45372	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	22502	4.129	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.913	69	24102	4.705	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.566	65	10780	4.312	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	4.637	46	92559	55.451	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.900%
24) Chloroform-d	5.058	84	58135	4.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.698	65	30206	4.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.723	84	108566	4.853	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.685	67	38162	4.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.894	98	93005	4.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.177	79	15050	4.771	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.630	63	75124	53.648	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.300%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	33834	5.057	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	32684	4.822	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.579	96	2116	0.314	ug/L #	1
18) trans-1,2-Dichloroethene	3.354	96	1311	0.184	ug/L	92
22) cis-1,2-Dichloroethene	4.662	96	18116	2.254	ug/L	94
34) Trichloroethene	6.537	95	121967	15.111	ug/L	99
35) Methylcyclohexane	6.685	83	8580	0.657	ug/L #	22
37) 1,2-Dichloropropane	6.685	63	4230	0.542	ug/L #	90
48) 2-Hexanone	8.681	43	3712	1.240	ug/L #	35
61) 1,2,3-Trichloropropane	11.807	75	6289	1.443	ug/L #	69

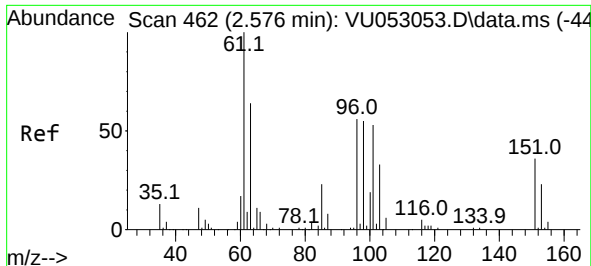
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.314 ug/L

RT: 2.579 min Scan# 4

Delta R.T. 0.003 min

Lab File: VU053066.D

Acq: 11 Feb 2023 22:32

Instrument :

MSVOA_U

ClientSampleId :

COM81

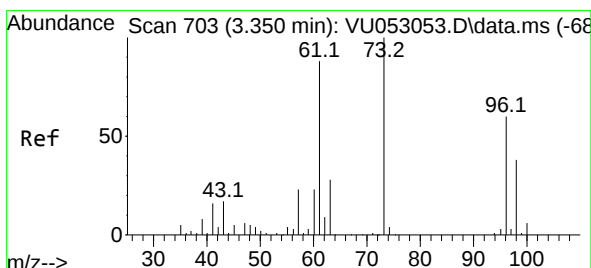
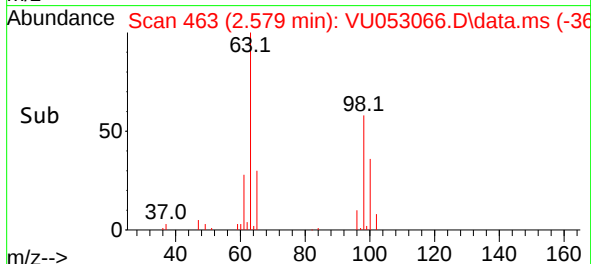
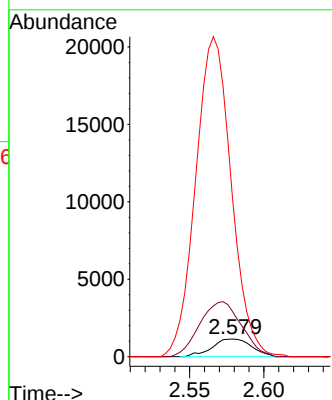
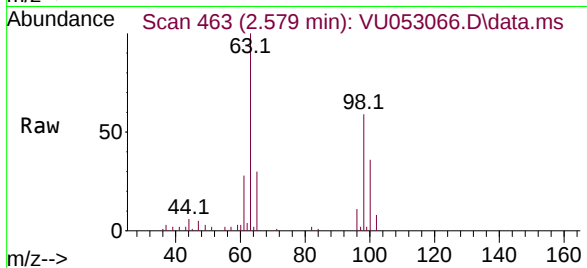
Tgt Ion: 96 Resp: 2116

Ion Ratio Lower Upper

96 100

61 258.4 115.1 213.7#

63 912.6 63.6 118.0#



#18

trans-1,2-Dichloroethene

Concen: 0.184 ug/L

RT: 3.354 min Scan# 704

Delta R.T. 0.003 min

Lab File: VU053066.D

Acq: 11 Feb 2023 22:32

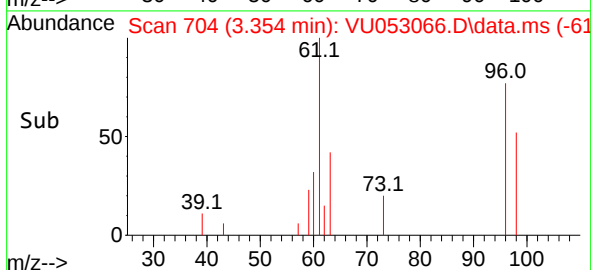
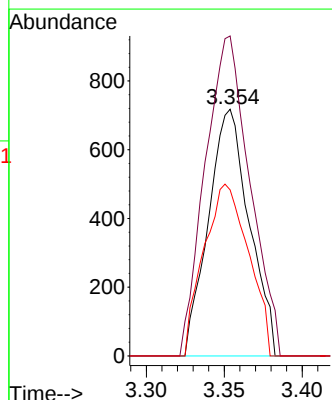
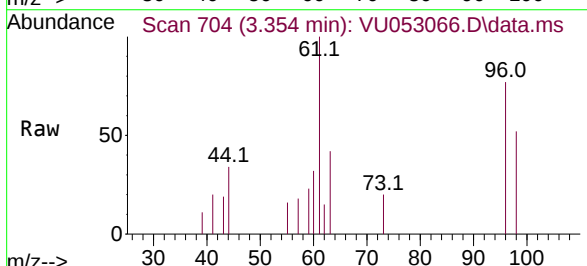
Tgt Ion: 96 Resp: 1311

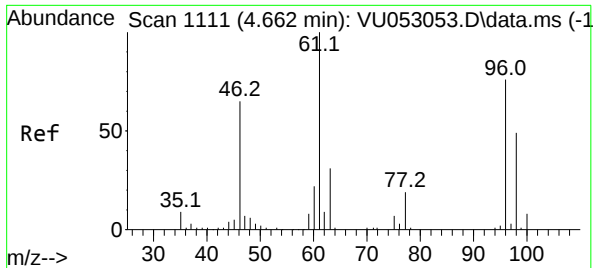
Ion Ratio Lower Upper

96 100

61 129.7 99.5 184.9

98 67.3 44.8 83.2

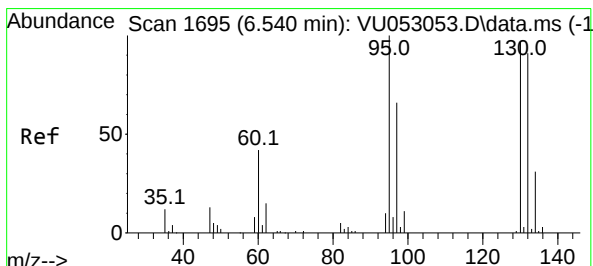
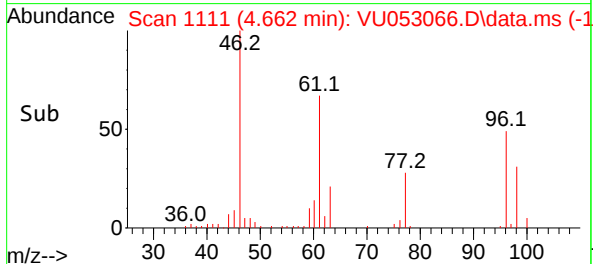
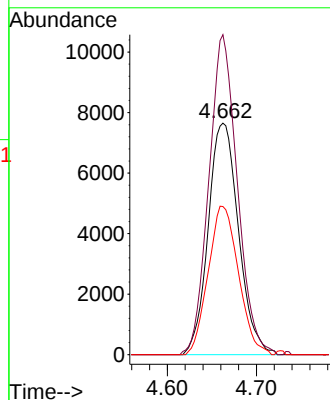
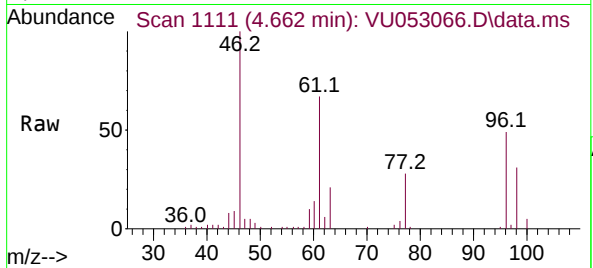




#22
cis-1,2-Dichloroethene
Concen: 2.254 ug/L
RT: 4.662 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VU053066.D
Acq: 11 Feb 2023 22:32

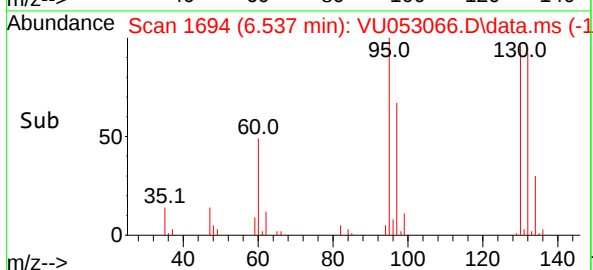
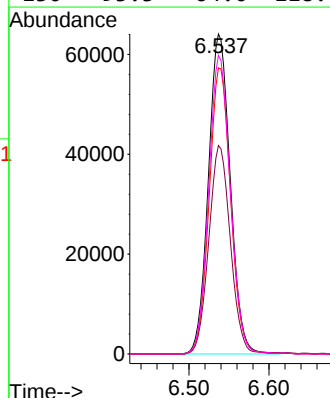
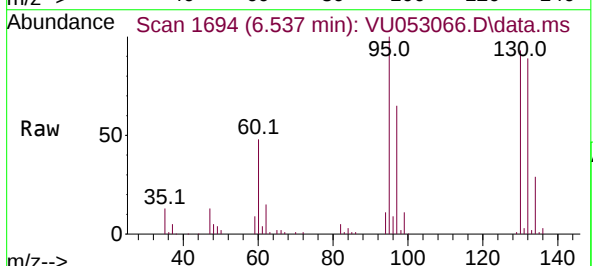
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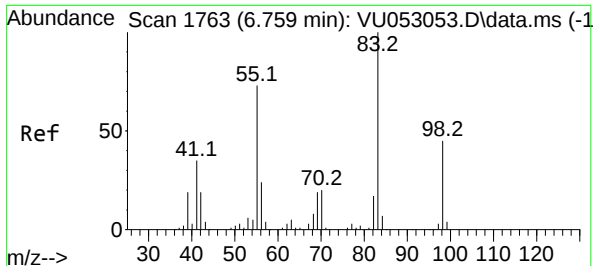
Tgt Ion: 96 Resp: 18116
Ion Ratio Lower Upper
96 100
61 138.2 90.9 168.9
98 64.0 47.0 87.4



#34
Trichloroethene
Concen: 15.111 ug/L
RT: 6.537 min Scan# 1694
Delta R.T. -0.003 min
Lab File: VU053066.D
Acq: 11 Feb 2023 22:32

Tgt Ion: 95 Resp: 121967
Ion Ratio Lower Upper
95 100
97 65.2 44.7 82.9
132 89.4 62.3 115.7
130 93.3 64.0 118.8

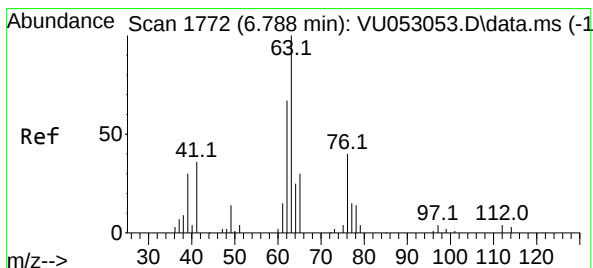
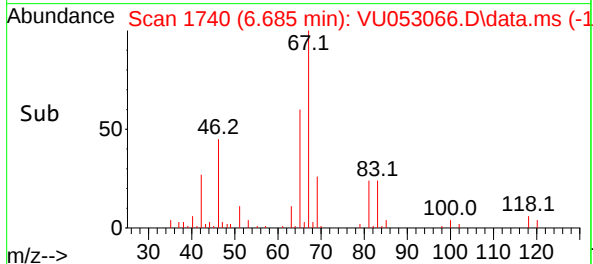
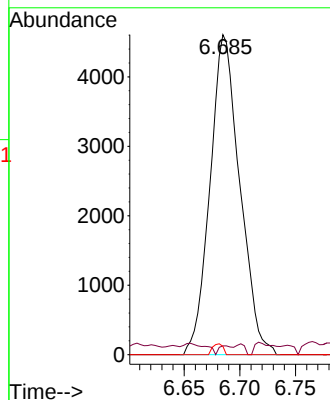
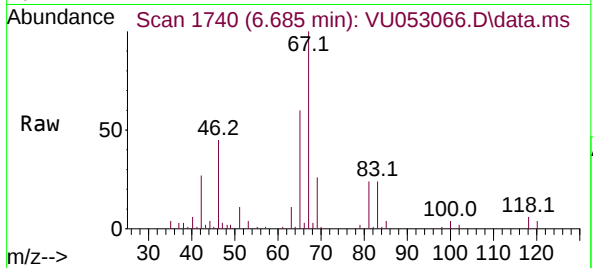




#35
Methylcyclohexane
Concen: 0.657 ug/L
RT: 6.685 min Scan# 1740
Delta R.T. -0.074 min
Lab File: VU053066.D
Acq: 11 Feb 2023 22:32

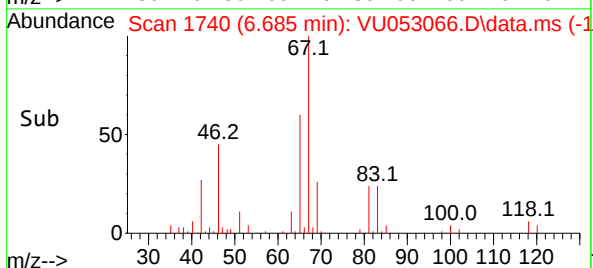
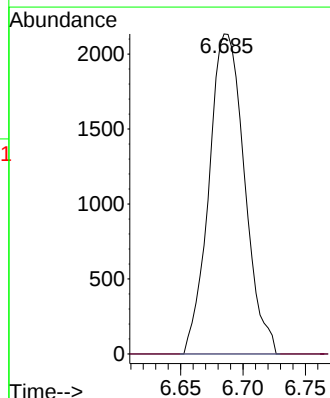
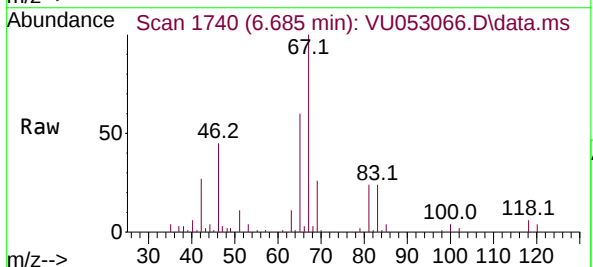
Instrument :
MSVOA_U
ClientSampleId :
COM81

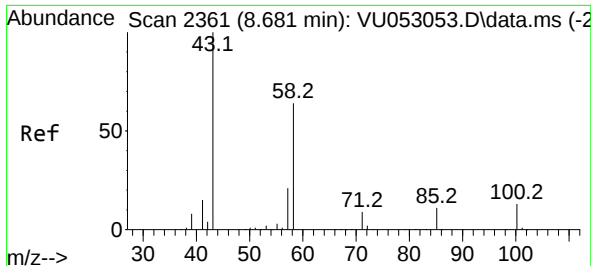
Tgt Ion: 83 Resp: 8580
Ion Ratio Lower Upper
83 100
55 1.3 57.9 86.9#
98 1.2 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.685 min Scan# 1740
Delta R.T. -0.103 min
Lab File: VU053066.D
Acq: 11 Feb 2023 22:32

Tgt Ion: 63 Resp: 4230
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#





#48

2-Hexanone

Concen: 1.240 ug/L

RT: 8.681 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053066.D

Acq: 11 Feb 2023 22:32

Instrument :

MSVOA_U

ClientSampleId :

COM81

Tgt Ion: 43 Resp: 3712

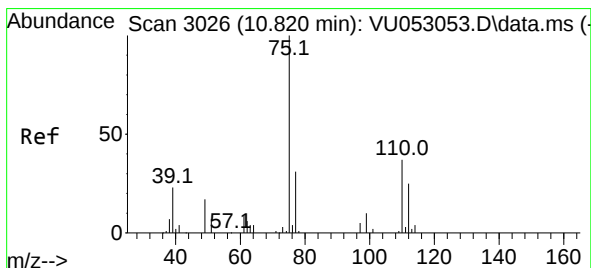
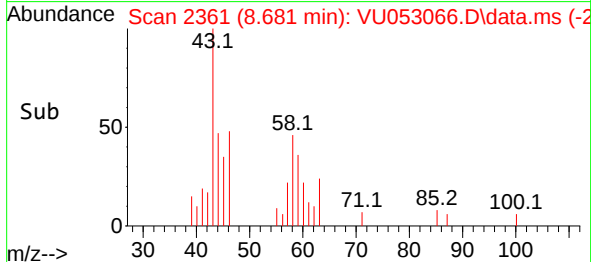
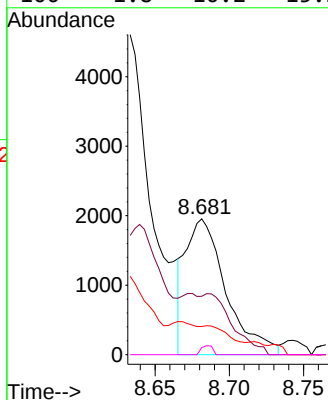
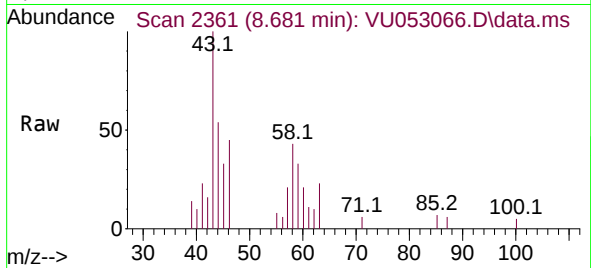
Ion Ratio Lower Upper

43 100

58 0.0 50.3 75.5#

57 3.4 17.4 26.0#

100 1.8 10.2 15.2#



#61

1,2,3-Trichloropropane

Concen: 1.443 ug/L

RT: 11.807 min Scan# 3333

Delta R.T. 0.987 min

Lab File: VU053066.D

Acq: 11 Feb 2023 22:32

Tgt Ion: 75 Resp: 6289

Ion Ratio Lower Upper

75 100

110 1.1 28.6 42.8#

77 35.1 27.6 41.4

