

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055136.D
 Acq On : 06 Sep 2023 13:33
 Operator : MD/SY
 Sample : 04267-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 20:40:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

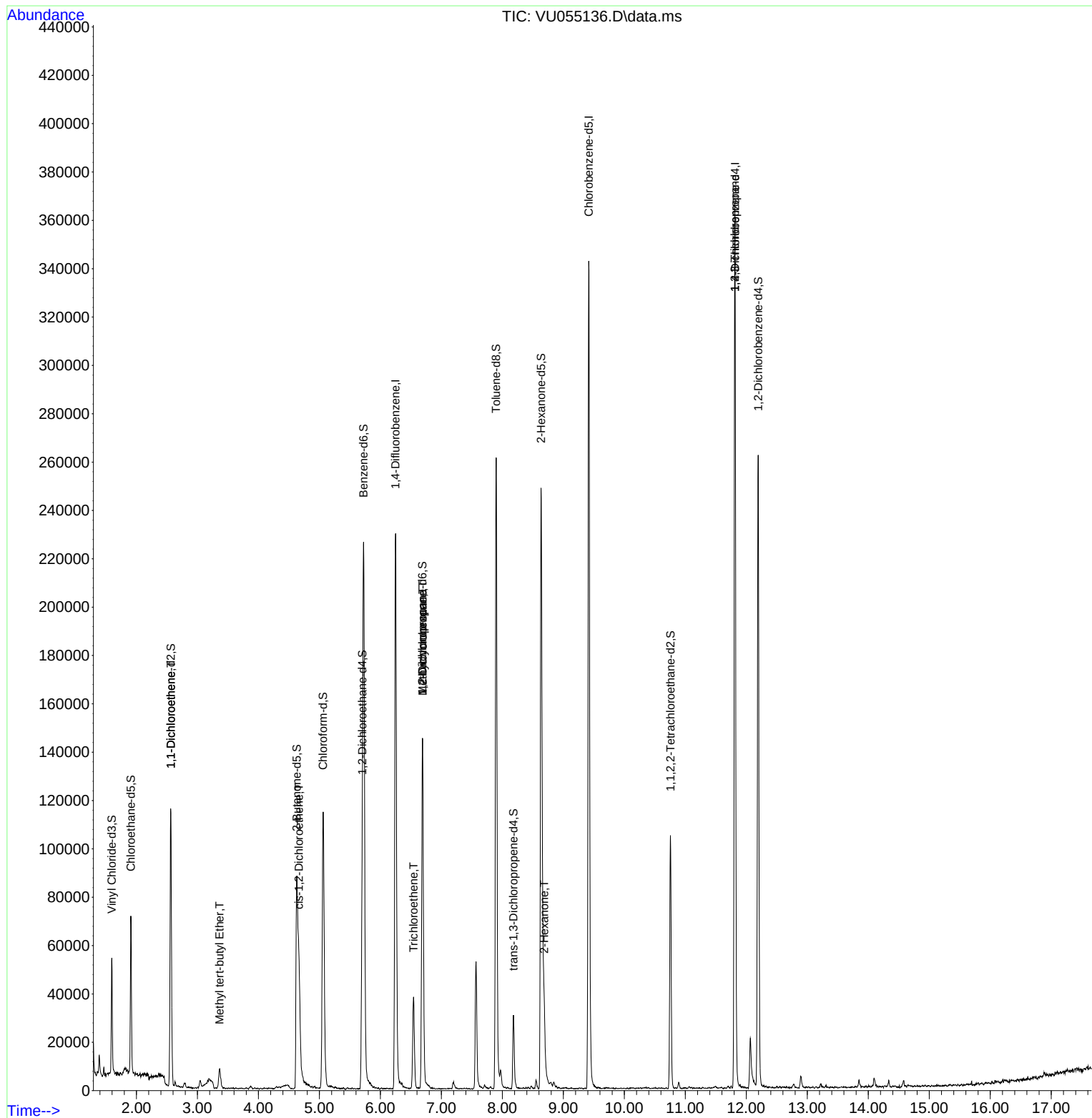
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	182587	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	189113	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	94372	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	34110	3.986	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.908	69	43342	4.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.563	65	21919	4.495	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.628	46	136985	55.162	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.320%
24) Chloroform-d	5.059	84	106567	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.702	65	56402	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.724	84	208352	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.689	67	69035	4.650	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.898	98	176152	4.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.181	79	18202	4.452	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.634	63	79810	48.080	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.160%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50365	4.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	64803	4.704	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.563	96	1847	0.219	ug/L #	1
17) Methyl tert-butyl Ether	3.361	73	8589	0.388	ug/L #	90
22) cis-1,2-Dichloroethene	4.663	96	17717	1.690	ug/L	93
34) Trichloroethene	6.544	95	12266	1.097	ug/L	95
35) Methylcyclohexane	6.692	83	16361	1.042	ug/L #	24
37) 1,2-Dichloropropane	6.692	63	7374	0.673	ug/L #	88
48) 2-Hexanone	8.685	43	18042	3.685	ug/L #	83
61) 1,2,3-Trichloropropane	11.811	75	13013	2.078	ug/L #	66

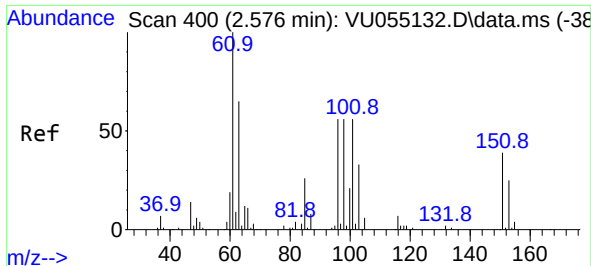
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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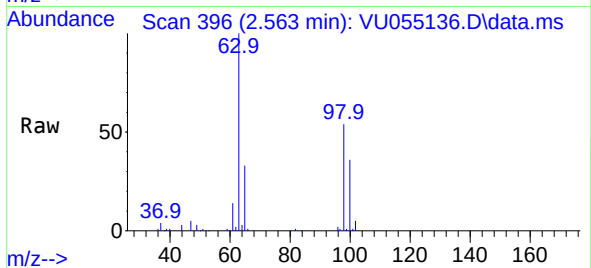
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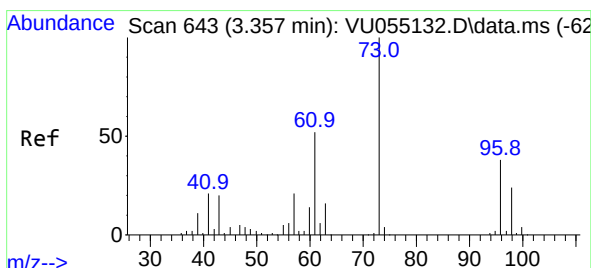
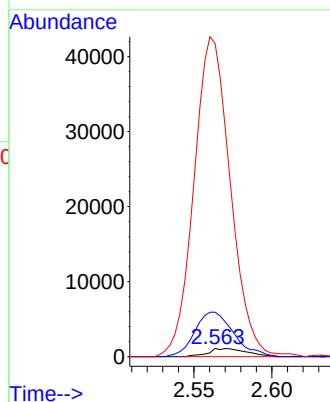
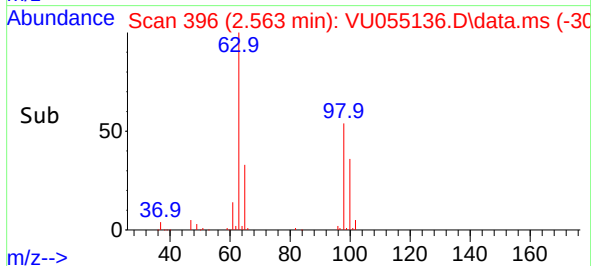


#12
1,1-Dichloroethene
Concen: 0.219 ug/L
RT: 2.563 min Scan# 396
Delta R.T. -0.009 min
Lab File: VU055136.D
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Instrument :
MSVOA_U
ClientSampleId :

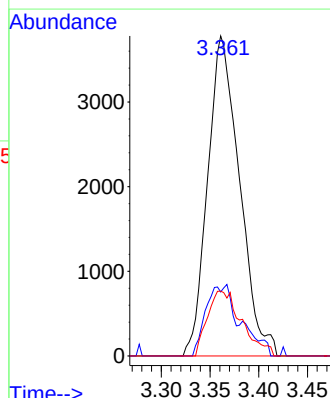
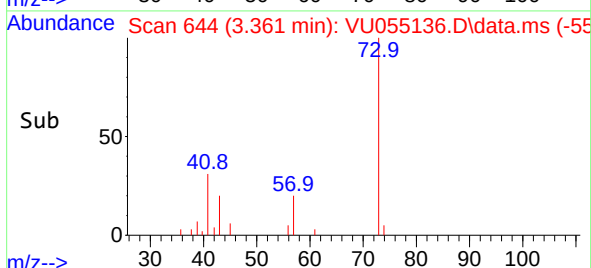
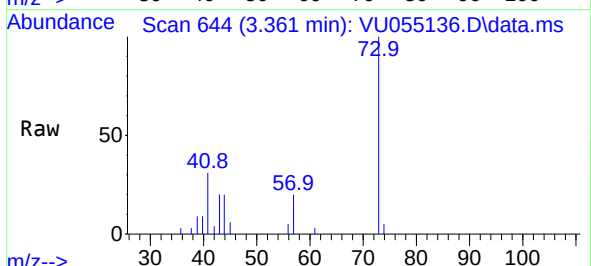


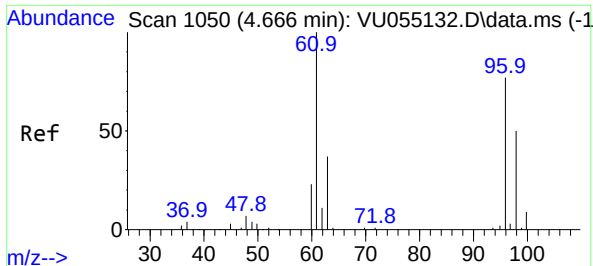
Tgt Ion: 96 Resp: 1847
Ion Ratio Lower Upper
96 100
61 534.6 120.8 224.4#
63 3769.0 94.5 175.5#



#17
Methyl tert-butyl Ether
Concen: 0.388 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU055136.D
Acq: 06 Sep 2023 13:33

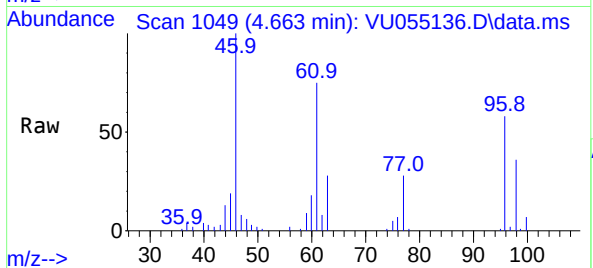
Tgt Ion: 73 Resp: 8589
Ion Ratio Lower Upper
73 100
43 11.1 16.2 24.2#
57 21.9 17.4 26.2



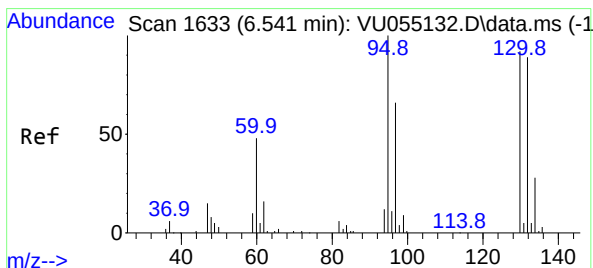
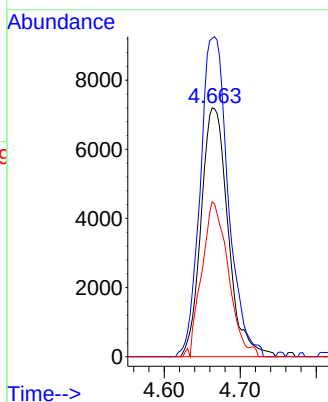
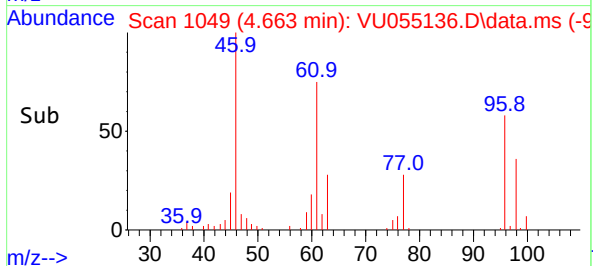


#22
cis-1,2-Dichloroethene
Concen: 1.690 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055136.D
Acq: 06 Sep 2023 13:33

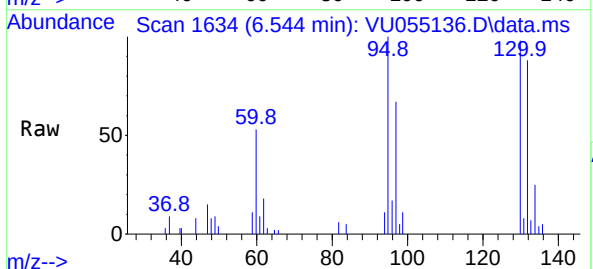
Instrument :
MSVOA_U
ClientSampleId :



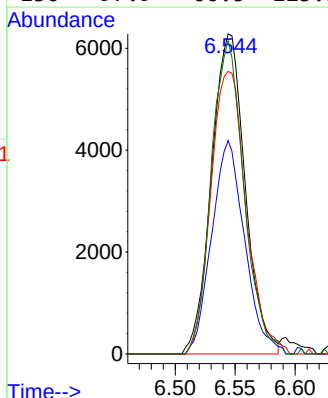
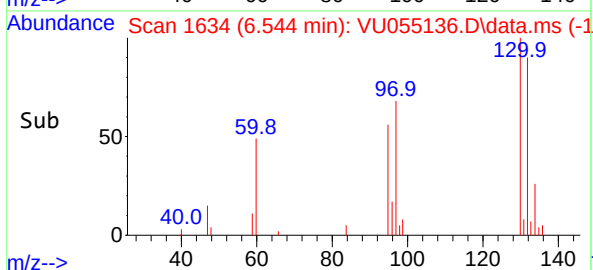
Tgt Ion: 96 Resp: 17717
Ion Ratio Lower Upper
96 100
61 128.0 97.2 180.4
98 64.4 46.1 85.7

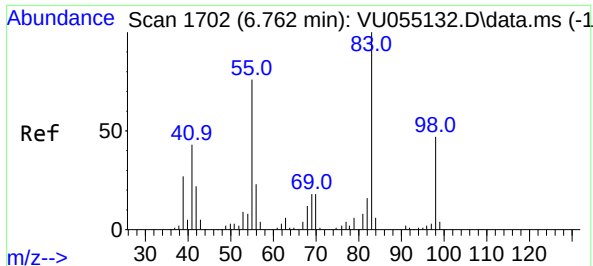


#34
Trichloroethene
Concen: 1.097 ug/L
RT: 6.544 min Scan# 1634
Delta R.T. 0.003 min
Lab File: VU055136.D
Acq: 06 Sep 2023 13:33



Tgt Ion: 95 Resp: 12266
Ion Ratio Lower Upper
95 100
97 66.7 44.7 83.1
132 88.3 66.6 123.6
130 97.9 66.5 123.5





#35

Methylcyclohexane

Concen: 1.042 ug/L

RT: 6.692 min Scan# 1

Delta R.T. -0.067 min

Lab File: VU055136.D

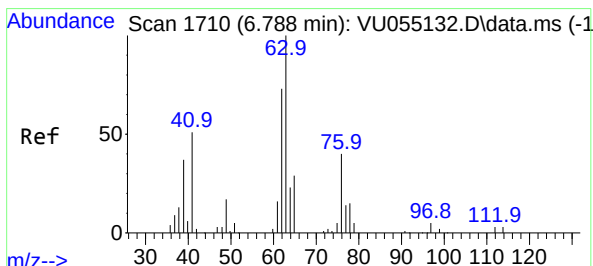
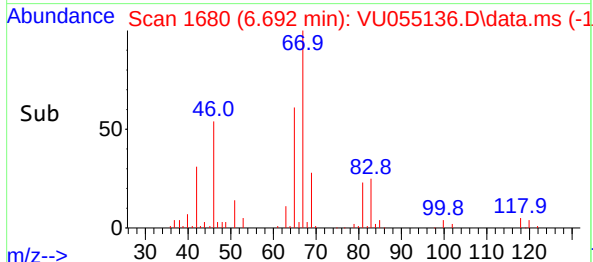
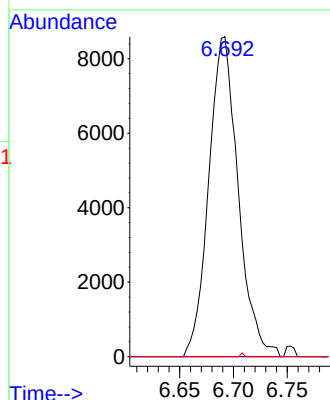
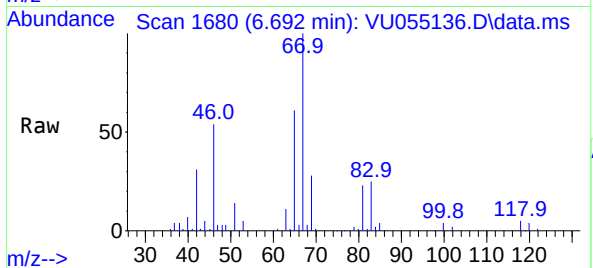
Acq: 06 Sep 2023 13:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 16361
Ion Ratio	Lower Upper
83 100	
55 0.0	60.4 90.6#
98 9.0	35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.673 ug/L

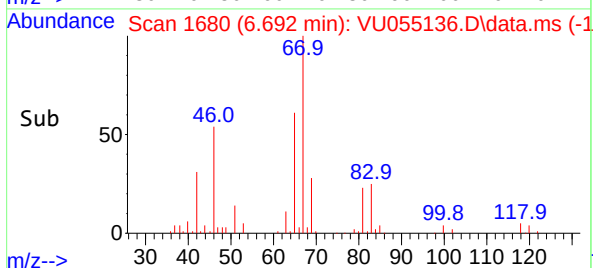
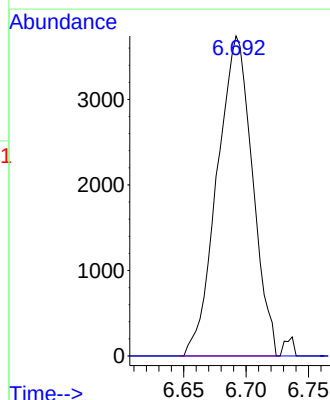
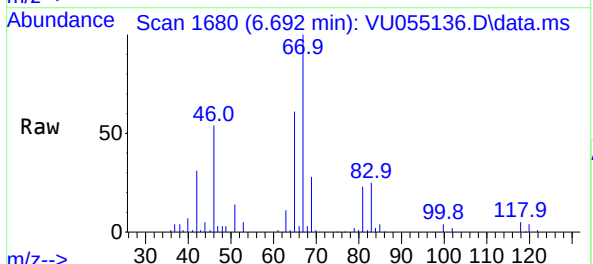
RT: 6.692 min Scan# 1680

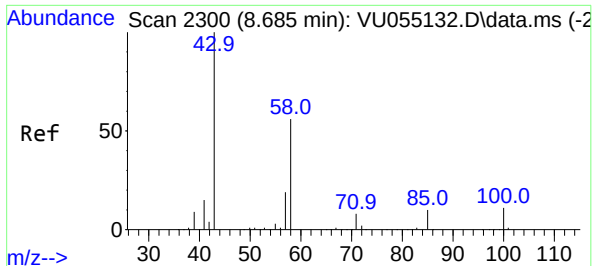
Delta R.T. -0.096 min

Lab File: VU055136.D

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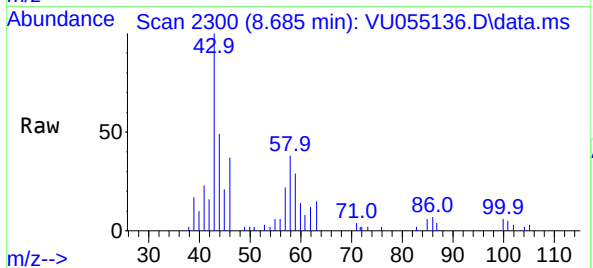
Tgt Ion: 63	Resp: 7374
Ion Ratio	Lower Upper
63 100	
112 0.0	3.2 4.8#



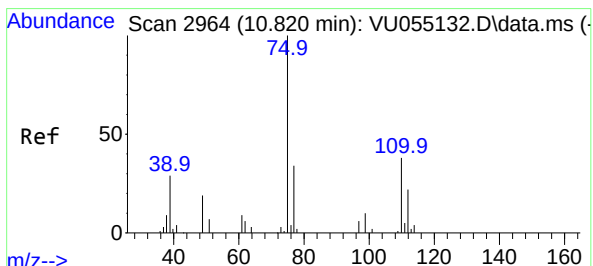
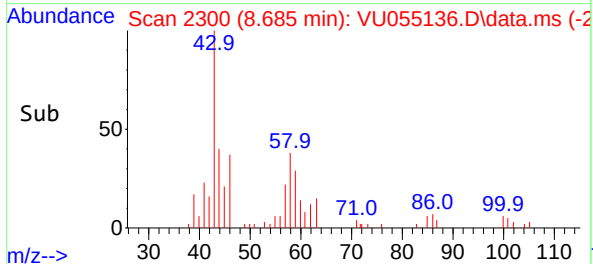
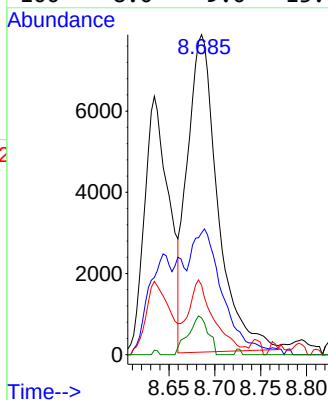


#48
2-Hexanone
Concen: 3.685 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055136.D
Acq: 06 Sep 2023 13:33

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 18042
Ion Ratio Lower Upper
43 100
58 37.8 44.0 66.0#
57 19.7 16.2 24.2
100 8.0 9.0 13.4#



#61
1,2,3-Trichloropropane
Concen: 2.078 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.991 min
Lab File: VU055136.D
Acq: 06 Sep 2023 13:33

Tgt Ion: 75 Resp: 13013
Ion Ratio Lower Upper
75 100
110 2.4 28.2 42.2#
77 38.7 26.2 39.4

