

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055144.D
 Acq On : 06 Sep 2023 16:45
 Operator : MD/SY
 Sample : 04250-23DL 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 20:41:54 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)

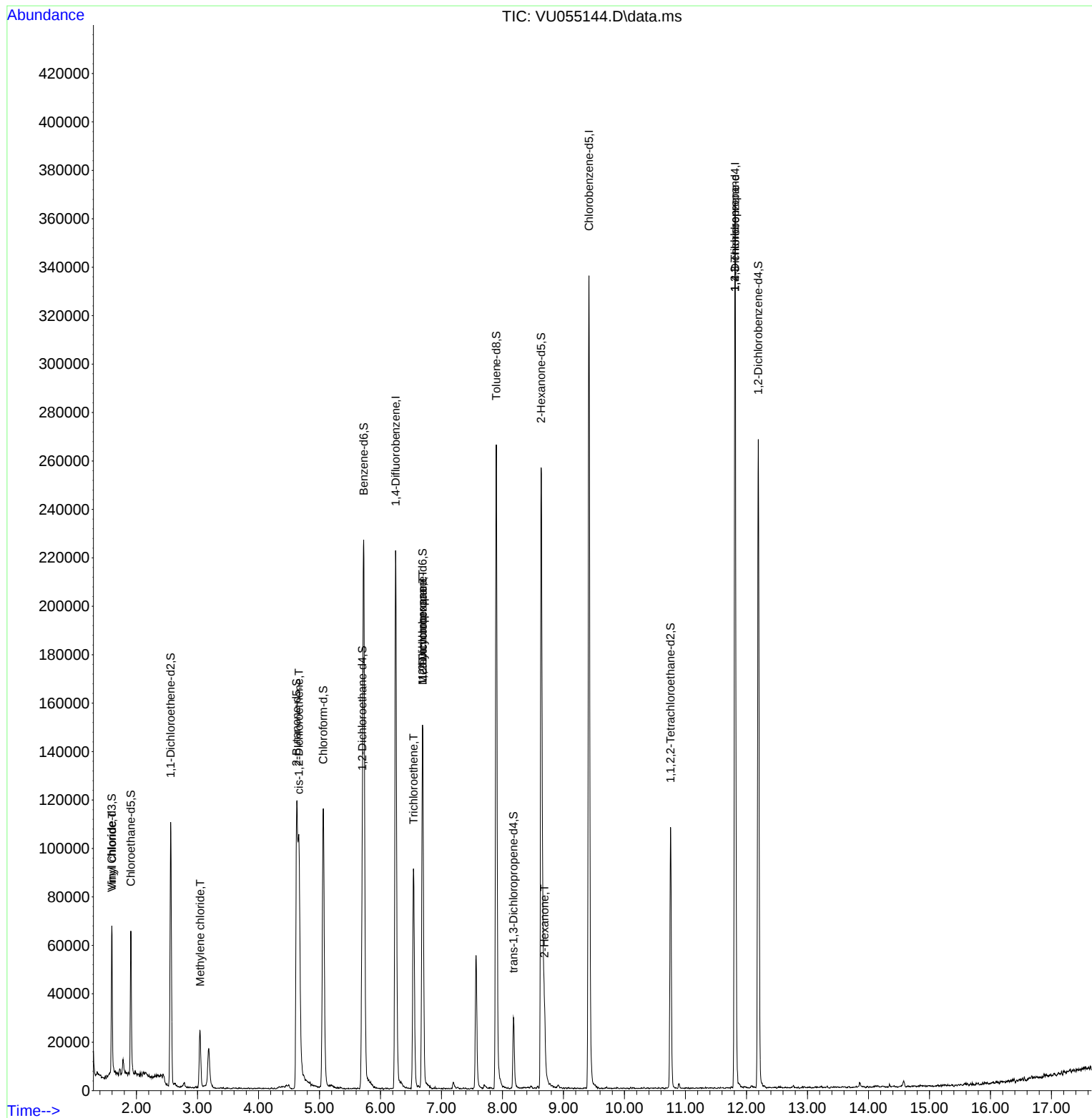
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	179896	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	185945	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	94674	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	32598	3.866	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.908	69	40871	4.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.560	65	20468	4.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.624	46	135476	55.370	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.740%
24) Chloroform-d	5.062	84	107788	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.702	65	57796	5.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.724	84	207508	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.689	67	71068	4.868	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.898	98	177180	4.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.181	79	17573	4.371	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.634	63	82205	50.366	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.740%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	53613	5.222	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	70001	5.066	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
5) Vinyl chloride	1.599	62	13727	1.223	ug/L	98
16) Methylene chloride	3.043	84	10007	0.787	ug/L	87
22) cis-1,2-Dichloroethene	4.663	96	38937	3.770	ug/L	96
34) Trichloroethene	6.541	95	29979	2.726	ug/L	98
35) Methylcyclohexane	6.692	83	15399	0.998	ug/L #	19
37) 1,2-Dichloropropane	6.692	63	7361	0.683	ug/L #	88
48) 2-Hexanone	8.689	43	17063	3.544	ug/L #	89
61) 1,2,3-Trichloropropane	11.811	75	13673	2.176	ug/L #	71

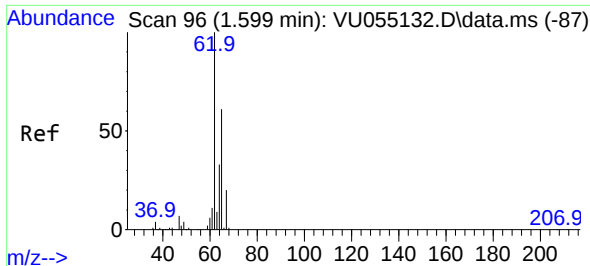
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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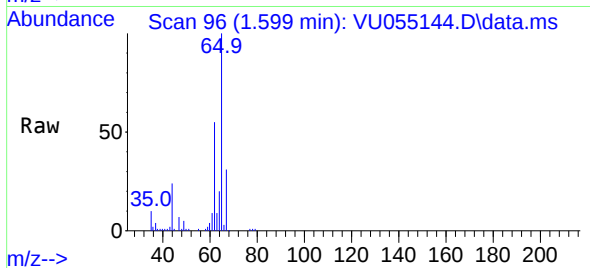
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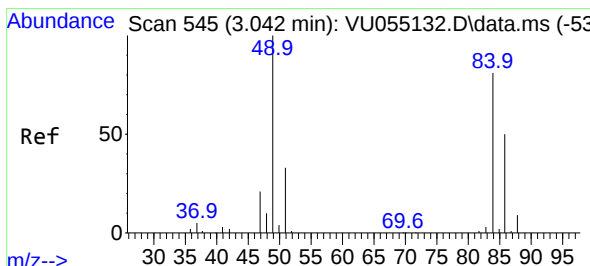
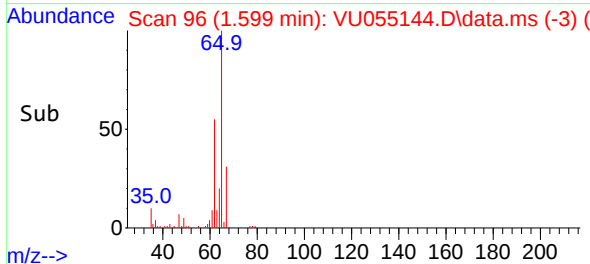
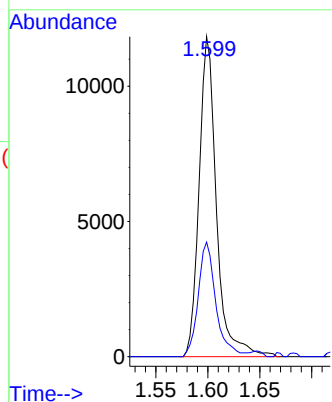
#5
 Vinyl chloride
 Concen: 1.223 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU055144.D
 Acq: 06 Sep 2023 16:45

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 62 Resp: 13727

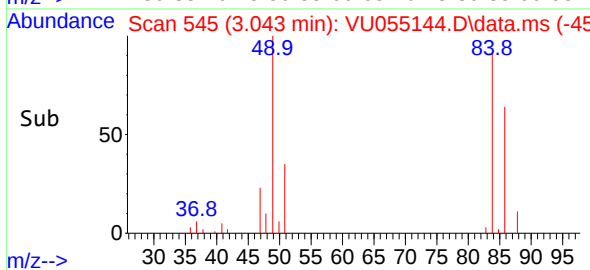
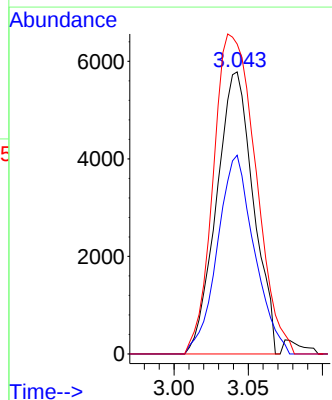
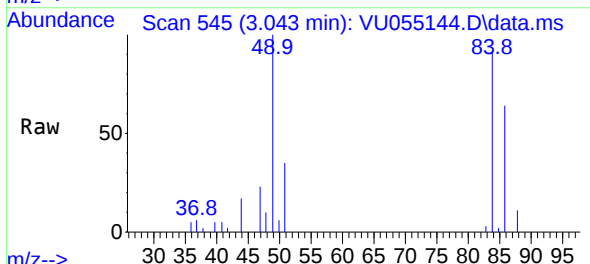
Ion	Ratio	Lower	Upper
62	100		
64	35.8	24.2	45.0

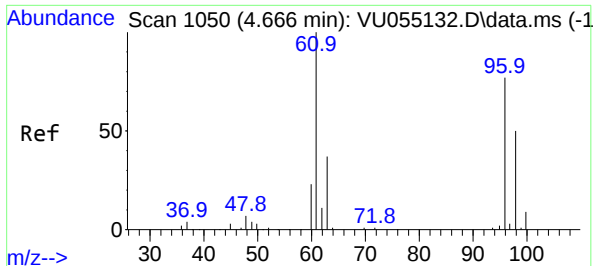


#16
 Methylene chloride
 Concen: 0.787 ug/L
 RT: 3.043 min Scan# 545
 Delta R.T. 0.003 min
 Lab File: VU055144.D
 Acq: 06 Sep 2023 16:45

Tgt Ion: 84 Resp: 10007

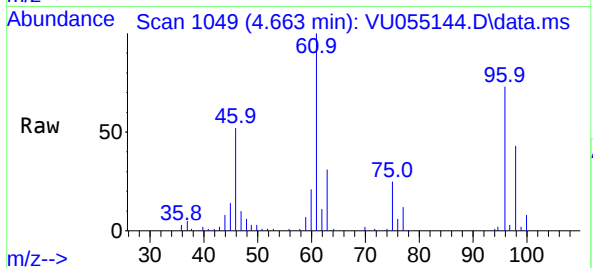
Ion	Ratio	Lower	Upper
84	100		
86	70.4	43.4	80.6
49	109.9	87.7	162.9



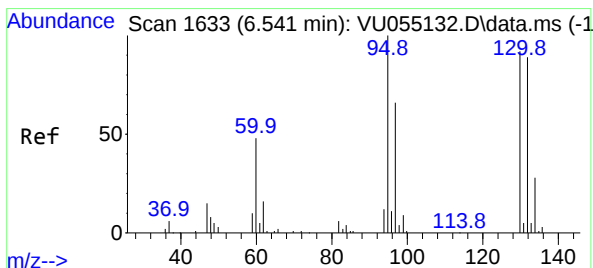
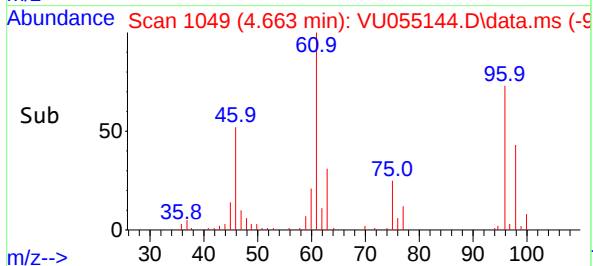
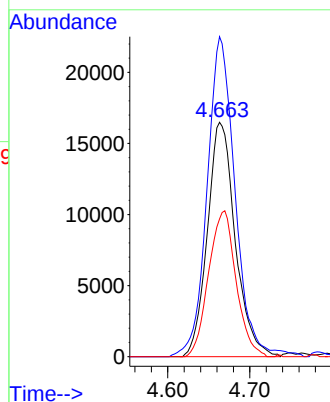


#22
cis-1,2-Dichloroethene
Concen: 3.770 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055144.D
Acq: 06 Sep 2023 16:45

Instrument :
MSVOA_U
ClientSampleId :

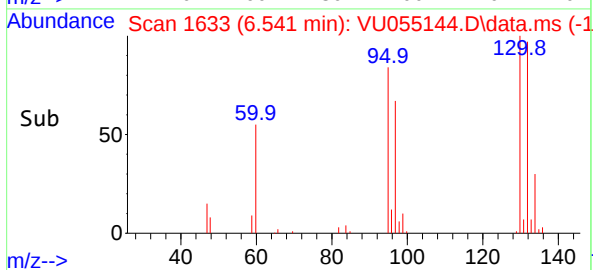
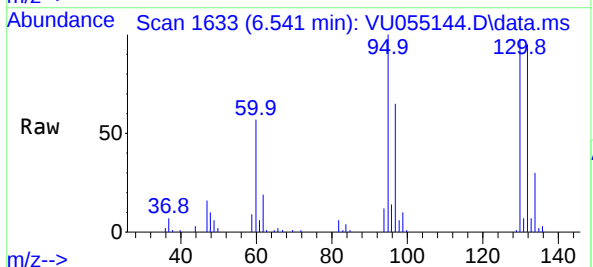
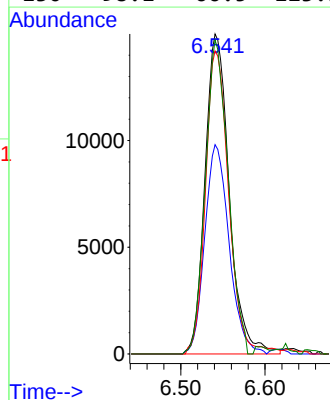


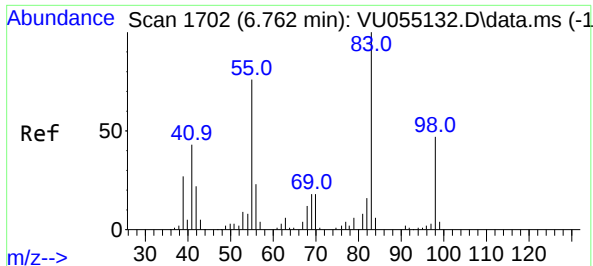
Tgt Ion: 96 Resp: 38937
Ion Ratio Lower Upper
96 100
61 136.5 97.2 180.4
98 58.8 46.1 85.7



#34
Trichloroethene
Concen: 2.726 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055144.D
Acq: 06 Sep 2023 16:45

Tgt Ion: 95 Resp: 29979
Ion Ratio Lower Upper
95 100
97 65.4 44.7 83.1
132 94.7 66.6 123.6
130 98.1 66.5 123.5





#35

Methylcyclohexane

Concen: 0.998 ug/L

RT: 6.692 min Scan# 1

Delta R.T. -0.067 min

Lab File: VU055144.D

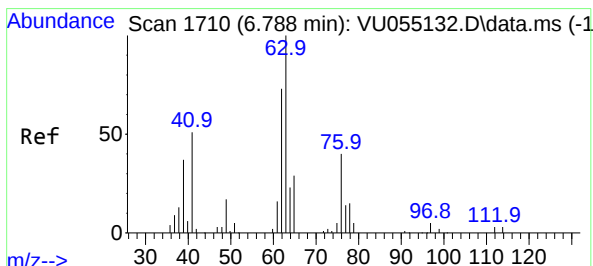
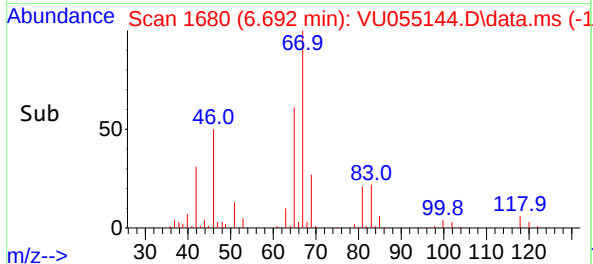
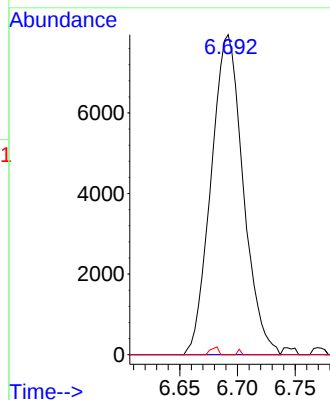
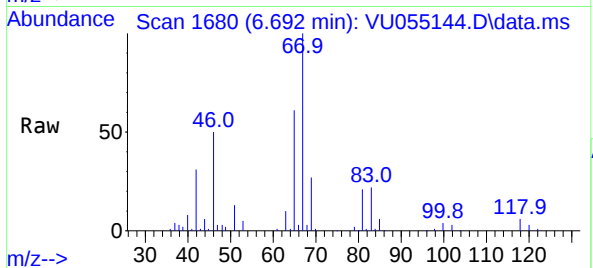
Acq: 06 Sep 2023 16:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 15399
Ion Ratio	Lower Upper
83 100	
55 0.0	60.4 90.6#
98 0.6	35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.683 ug/L

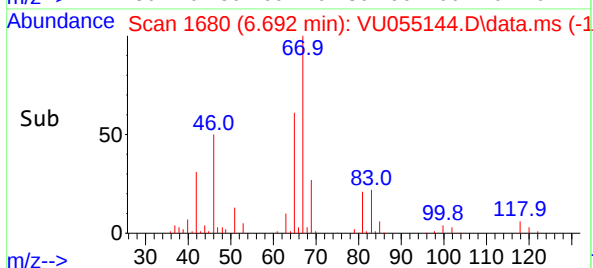
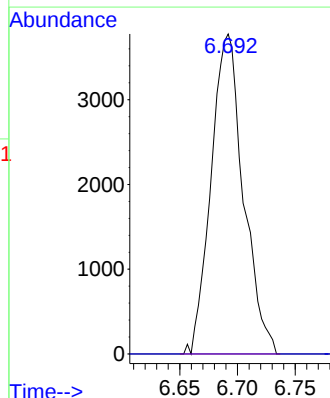
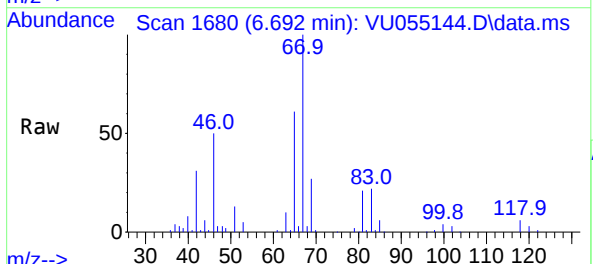
RT: 6.692 min Scan# 1680

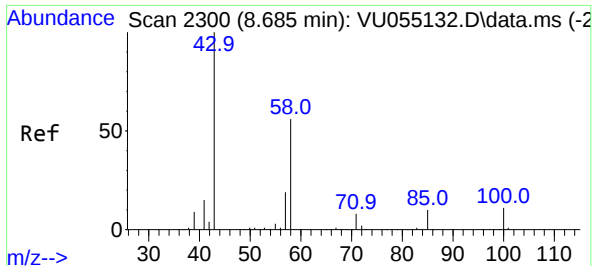
Delta R.T. -0.096 min

Lab File: VU055144.D

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Tgt Ion: 63	Resp: 7361
Ion Ratio	Lower Upper
63 100	
112 0.0	3.2 4.8#

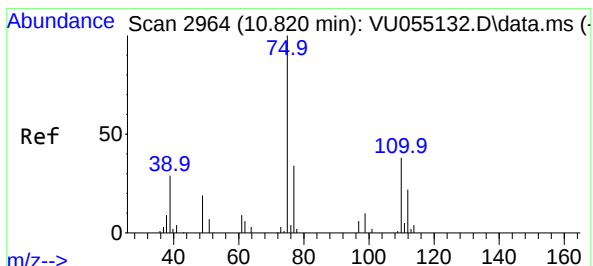
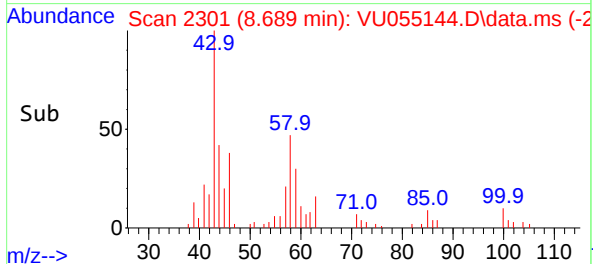
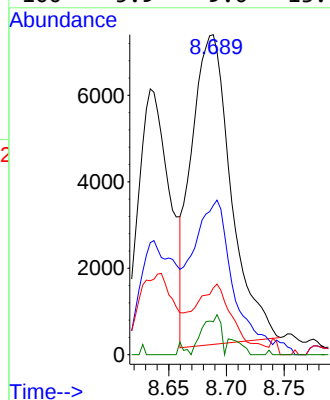
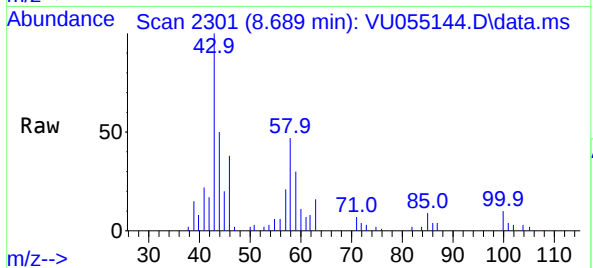




#48
2-Hexanone
Concen: 3.544 ug/L
RT: 8.689 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU055144.D
Acq: 06 Sep 2023 16:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 17063
Ion Ratio	Lower Upper
43 100	
58 44.9	44.0 66.0
57 21.1	16.2 24.2
100 5.9	9.0 13.4#



#61
1,2,3-Trichloropropane
Concen: 2.176 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.991 min
Lab File: VU055144.D
Acq: 06 Sep 2023 16:45

Tgt Ion: 75	Resp: 13673
Ion Ratio	Lower Upper
75 100	
110 2.5	28.2 42.2#
77 32.9	26.2 39.4

