

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055256.D
 Acq On : 12 Sep 2023 18:30
 Operator : MD/SY
 Sample : 04306-09 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 13 01:49:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 13 01:44:08 2023
 Response via : Initial Calibration

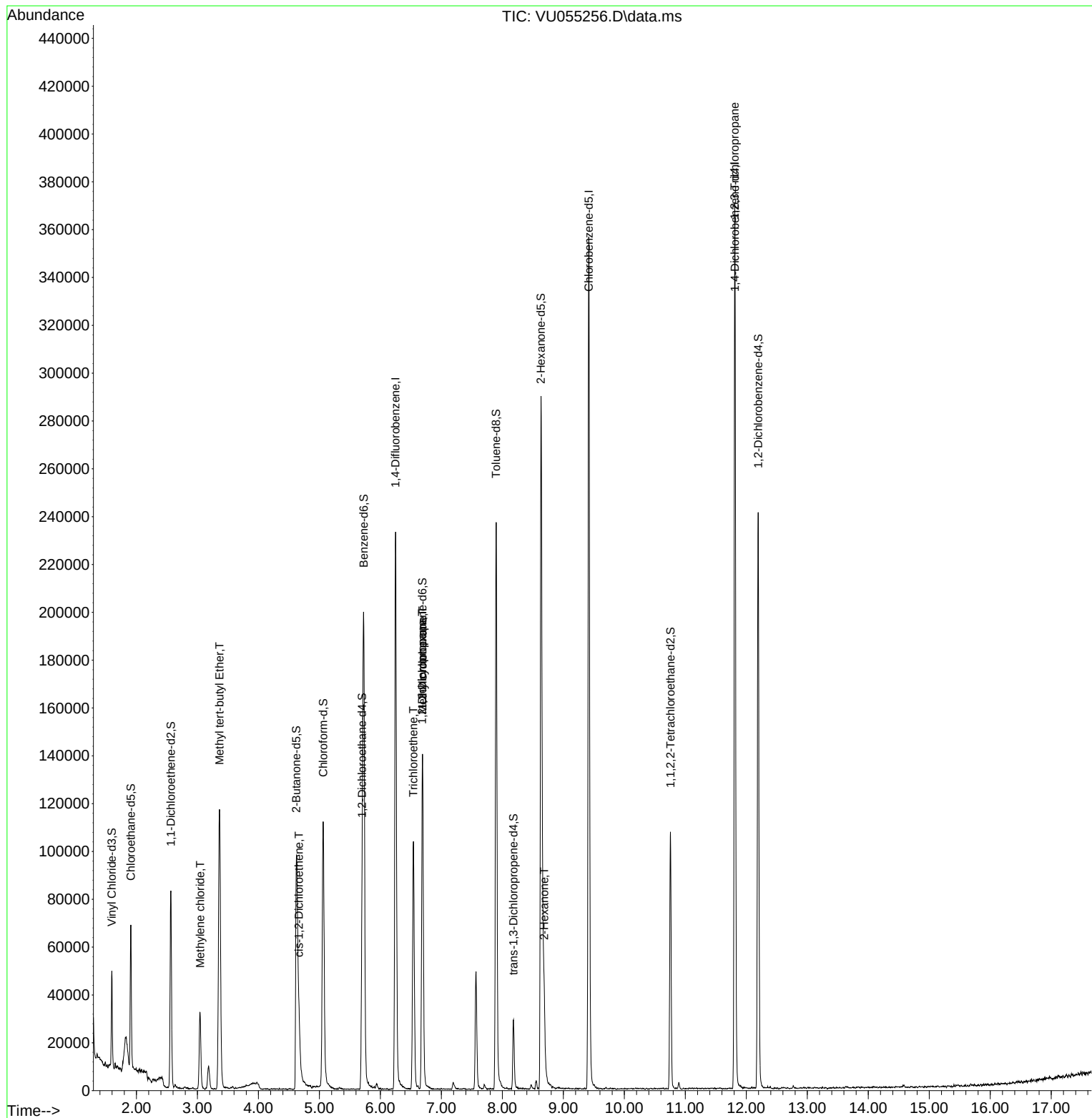
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	188238	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	201929	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	94460	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28070	3.182	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.600%
7) Chloroethane-d5	1.908	69	44501	4.358	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.563	65	15783	3.140	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	4.621	46	144286	56.358	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.720%
24) Chloroform-d	5.062	84	102279	4.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.698	65	57172	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.724	84	188401	3.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
36) 1,2-Dichloropropane-d6	6.689	67	65602	4.138	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.898	98	164550	3.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	8.181	79	16821	3.853	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.631	63	91601	51.680	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.360%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	51932	4.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	62476	4.531	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
16) Methylene chloride	3.043	84	15113	1.137	ug/L	92
17) Methyl tert-butyl Ether	3.361	73	131120	5.745	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	6311	0.584	ug/L	94
34) Trichloroethene	6.541	95	33473	2.803	ug/L	94
35) Methylcyclohexane	6.692	83	15380	0.918	ug/L #	19
37) 1,2-Dichloropropane	6.686	63	7257	0.620	ug/L #	89
48) 2-Hexanone	8.685	43	21179	4.051	ug/L #	83
61) 1,2,3-Trichloropropane	11.807	75	11684	1.864	ug/L #	68

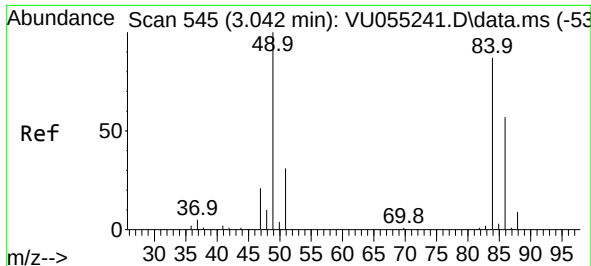
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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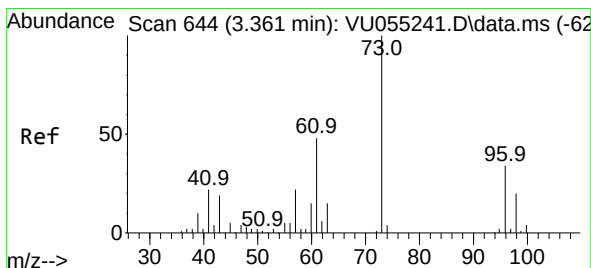
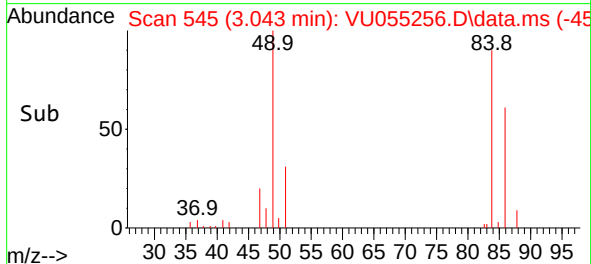
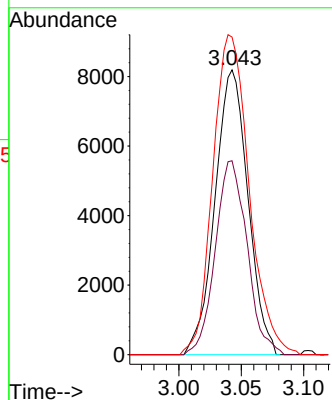
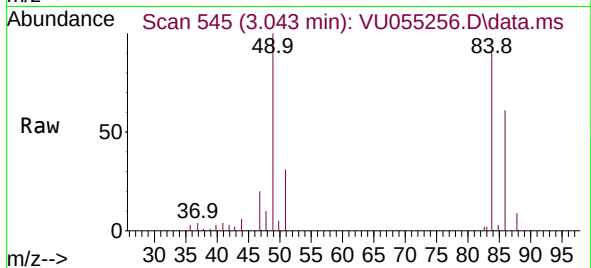




#16
Methylene chloride
Concen: 1.137 ug/L
RT: 3.043 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU055256.D
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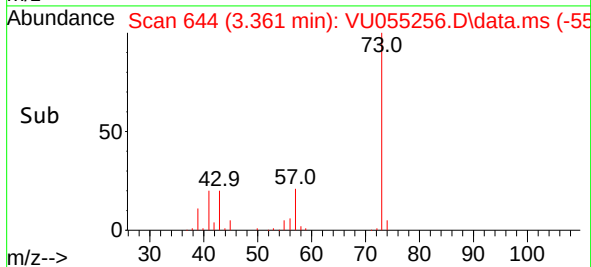
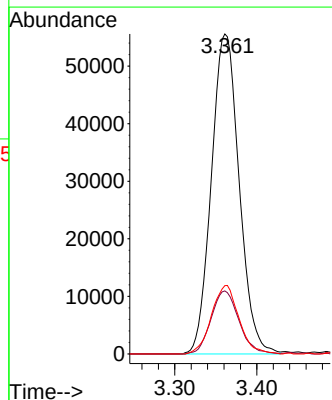
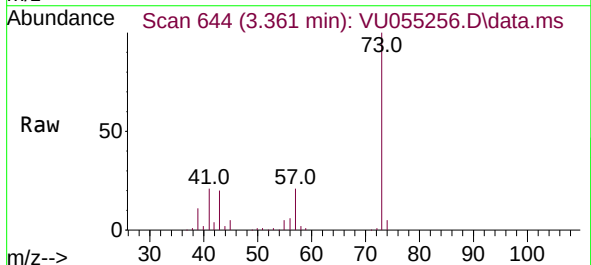
Instrument :
MSVOA_U
ClientSampleId :

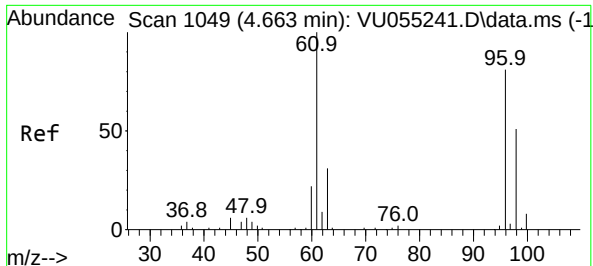
Tgt Ion: 84 Resp: 15113
Ion Ratio Lower Upper
84 100
86 68.1 43.4 80.6
49 117.0 87.7 162.9



#17
Methyl tert-butyl Ether
Concen: 5.745 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU055256.D
Acq: 12 Sep 2023 18:30

Tgt Ion: 73 Resp: 131120
Ion Ratio Lower Upper
73 100
43 19.7 16.2 24.2
57 21.1 17.4 26.2

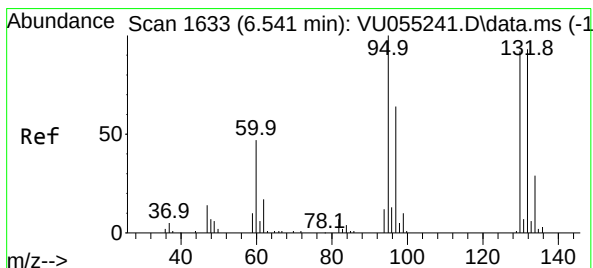
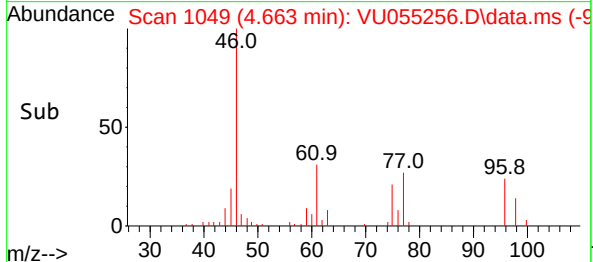
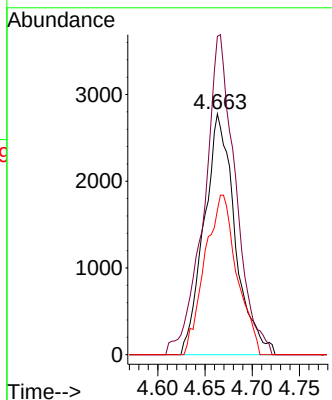
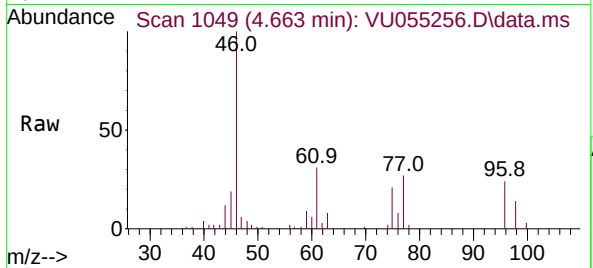




#22
 cis-1,2-Dichloroethene
 Concen: 0.584 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055256.D
 Acq: 12 Sep 2023 18:30

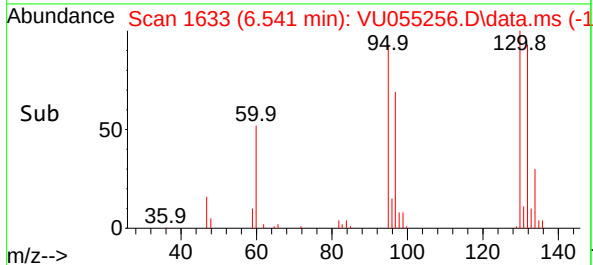
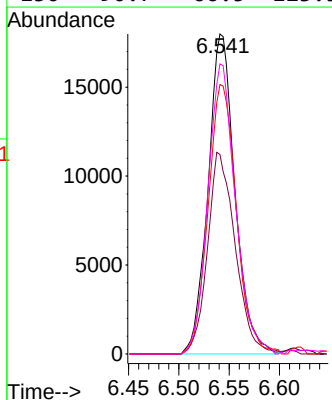
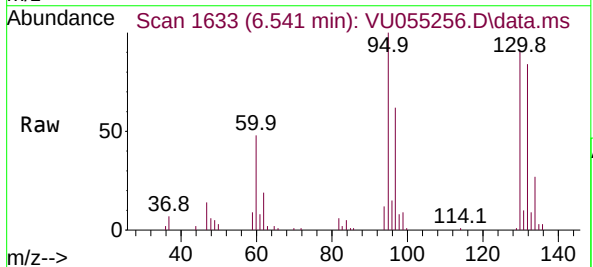
Instrument :
 MSVOA_U
 ClientSampleId :

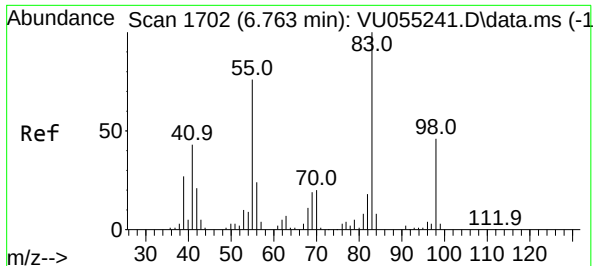
Tgt Ion: 96 Resp: 6311
 Ion Ratio Lower Upper
 96 100
 61 132.2 97.2 180.4
 98 60.0 46.1 85.7



#34
 Trichloroethene
 Concen: 2.803 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055256.D
 Acq: 12 Sep 2023 18:30

Tgt Ion: 95 Resp: 33473
 Ion Ratio Lower Upper
 95 100
 97 62.4 44.7 83.1
 132 84.2 66.6 123.6
 130 90.7 66.5 123.5





#35

Methylcyclohexane

Concen: 0.918 ug/L

RT: 6.692 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU055256.D

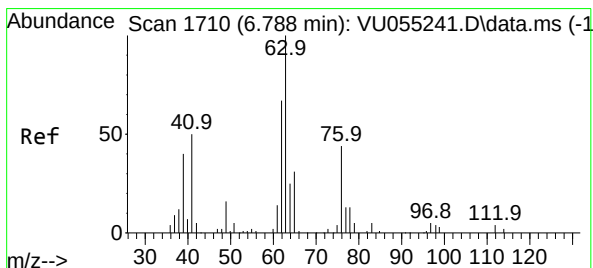
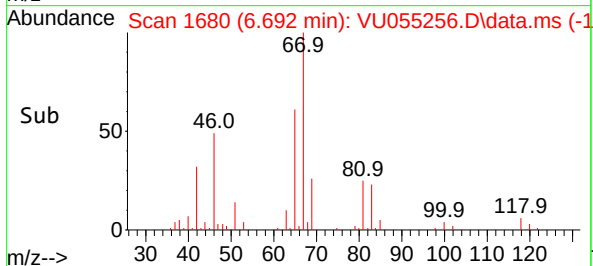
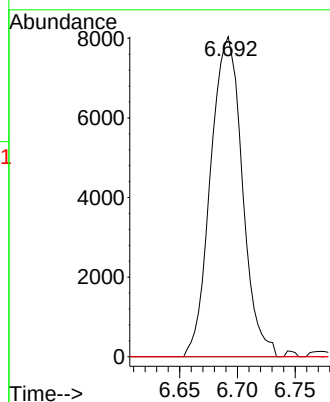
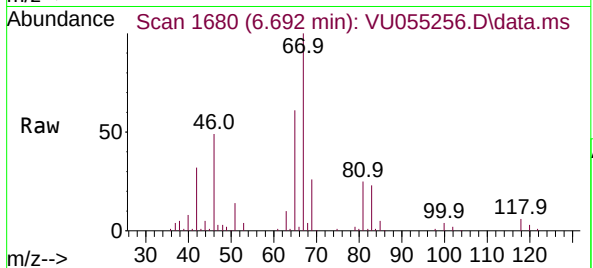
Acq: 12 Sep 2023 18:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 15380
Ion Ratio	Lower Upper
83 100	
55 0.0	60.4 90.6#
98 0.0	35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.620 ug/L

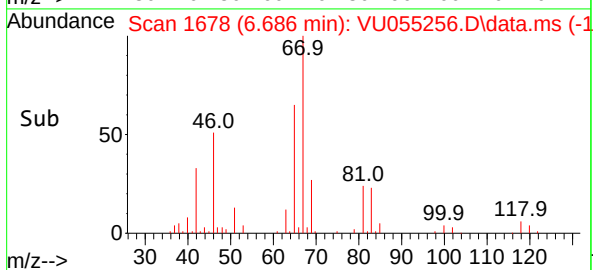
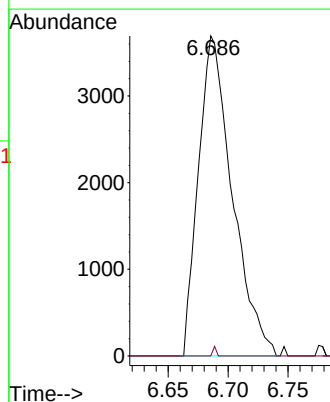
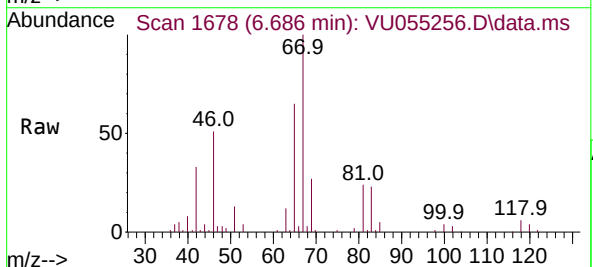
RT: 6.686 min Scan# 1678

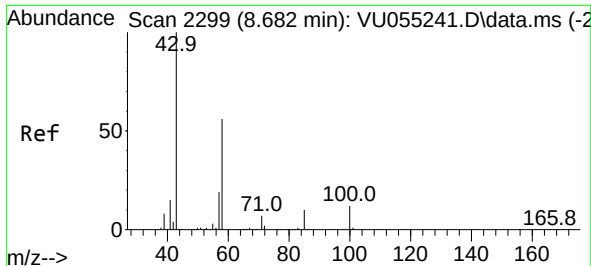
Delta R.T. -0.103 min

Lab File: VU055256.D

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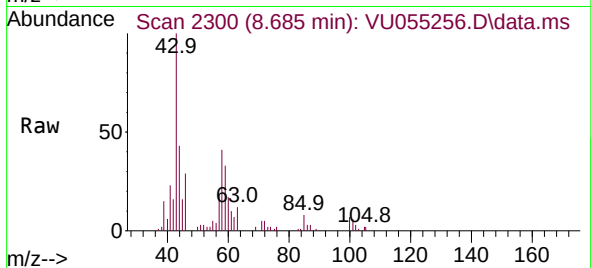
Tgt Ion: 63	Resp: 7257
Ion Ratio	Lower Upper
63 100	
112 0.3	3.2 4.8#





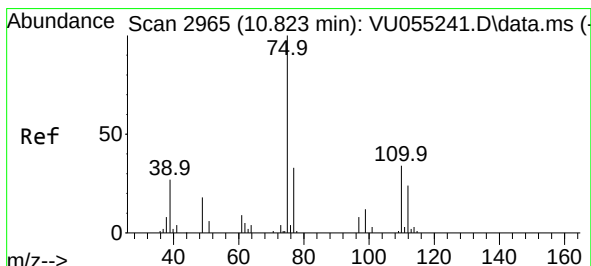
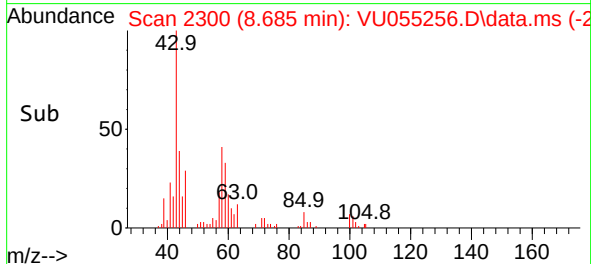
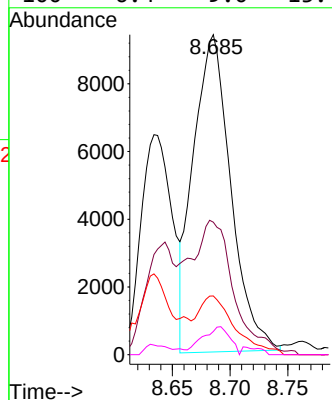
#48
2-Hexanone
Concen: 4.051 ug/L
RT: 8.685 min Scan# 21179
Delta R.T. 0.003 min
Lab File: VU055256.D
Acq: 12 Sep 2023 18:30

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 21179

Ion	Ratio	Lower	Upper
43	100		
58	38.6	44.0	66.0#
57	18.2	16.2	24.2
100	6.4	9.0	13.4#



#61
1,2,3-Trichloropropane
Concen: 1.864 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.984 min
Lab File: VU055256.D
Acq: 12 Sep 2023 18:30

Tgt Ion: 75 Resp: 11684

Ion	Ratio	Lower	Upper
75	100		
110	3.2	28.2	42.2#
77	37.2	26.2	39.4

