

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055356.D
 Acq On : 15 Sep 2023 22:17
 Operator : MD/SY
 Sample : 04380-15 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 00:46:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 16 00:42:29 2023
 Response via : Initial Calibration

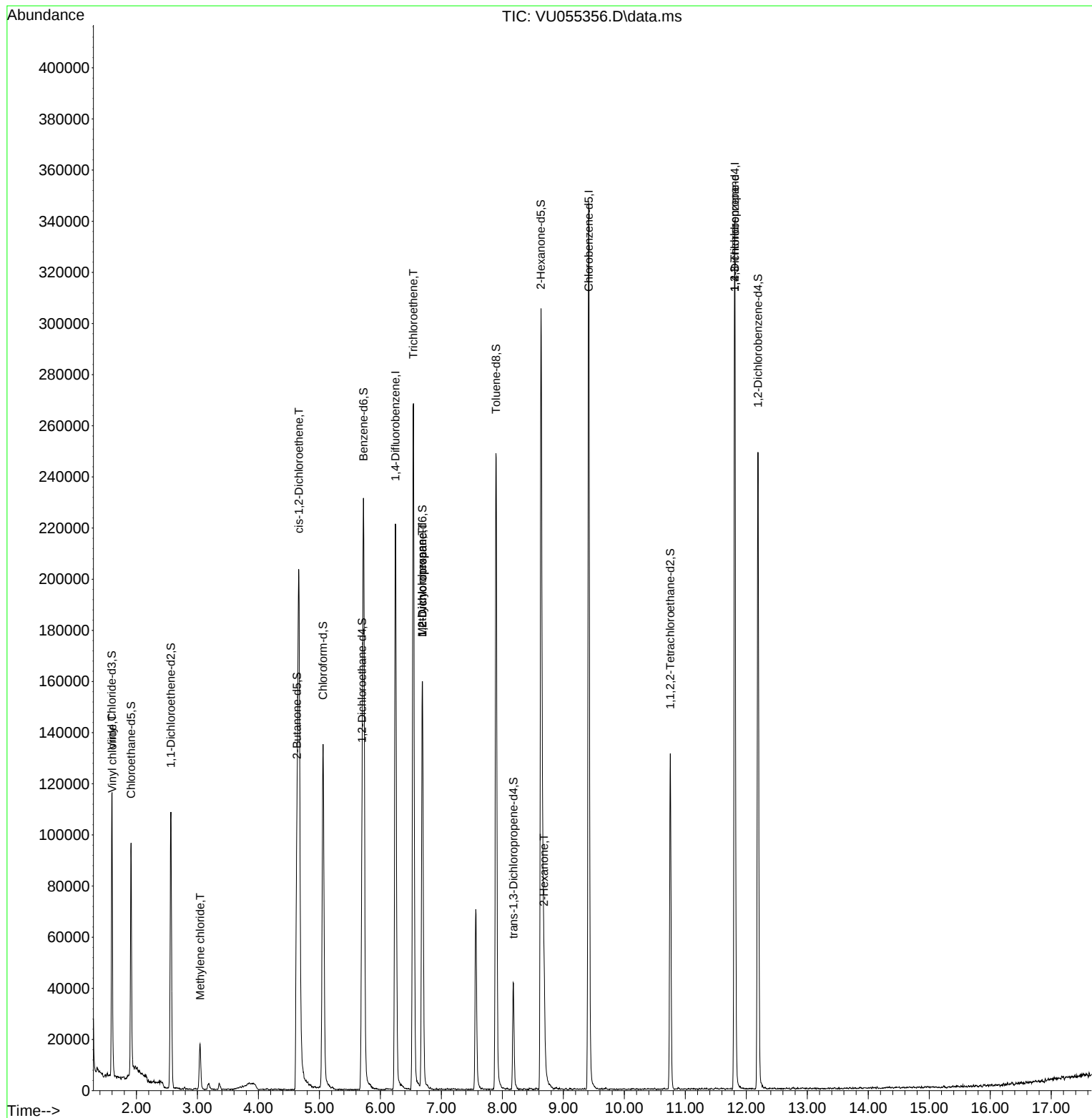
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	180818	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	188717	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	88122	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	56112	5.399	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.000%
7) Chloroethane-d5	1.911	69	62672	5.343	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.800%
11) 1,1-Dichloroethene-d2	2.563	65	20617	5.484	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.600%
20) 2-Butanone-d5	4.631	46	174041	60.559	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.120%
24) Chloroform-d	5.059	84	124449	5.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
26) 1,2-Dichloroethane-d4	5.698	65	69226	5.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.200%
32) Benzene-d6	5.724	84	214955	5.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
36) 1,2-Dichloropropane-d6	6.689	67	77475	5.748	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.000%
41) Toluene-d8	7.898	98	169069	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	8.181	79	22740	4.754	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.631	63	94902	54.537	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	62967	5.372	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	65065	5.733	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.600%
Target Compounds						
5) Vinyl chloride	1.602	62	28450	1.587	ug/L	99
16) Methylene chloride	3.043	84	8635	0.456	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	83873	5.123	ug/L	97
34) Trichloroethene	6.541	95	92323	5.193	ug/L	95
35) Methylcyclohexane	6.686	83	18061	0.699	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	8206	0.500	ug/L #	89
48) 2-Hexanone	8.682	43	26763	4.562	ug/L #	78
61) 1,2,3-Trichloropropane	11.807	75	11589	1.358	ug/L #	66

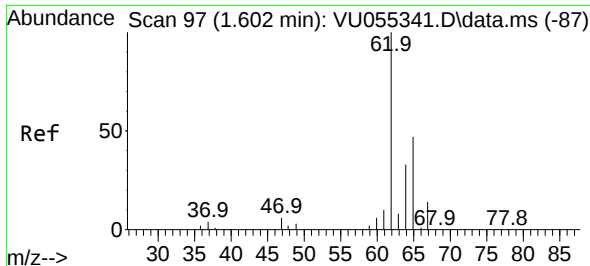
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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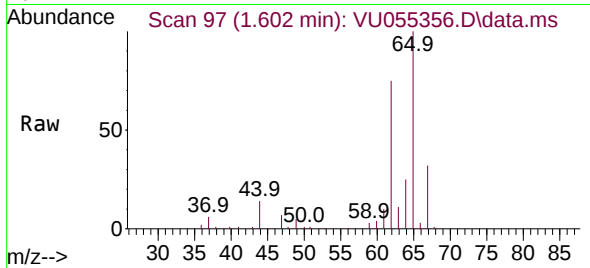
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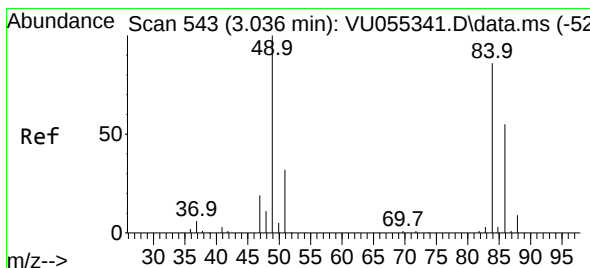
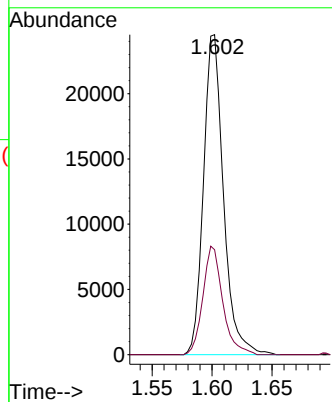
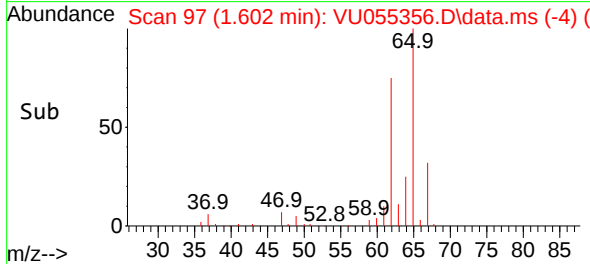


#5
 Vinyl chloride
 Concen: 1.587 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055356.D
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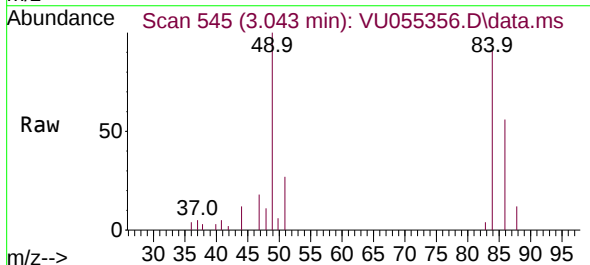
Instrument :
 MSVOA_U
 ClientSampleId :



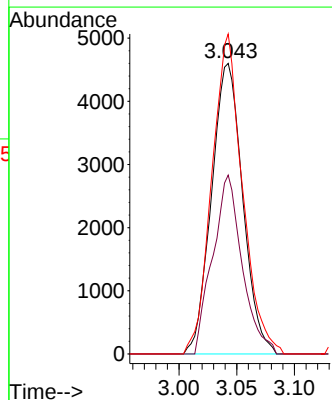
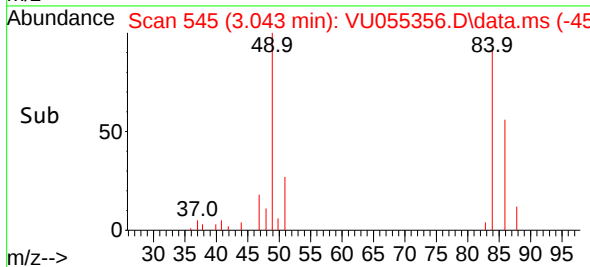
Tgt Ion: 62 Resp: 28450
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.4 43.6

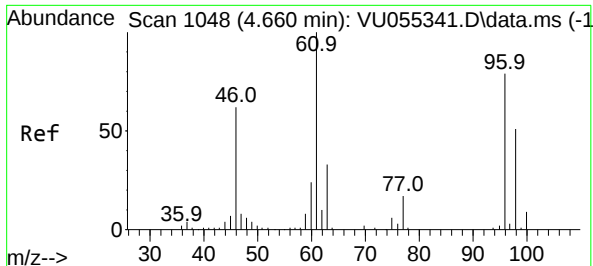


#16
 Methylene chloride
 Concen: 0.456 ug/L
 RT: 3.043 min Scan# 545
 Delta R.T. 0.007 min
 Lab File: VU055356.D
 Acq: 15 Sep 2023 22:17



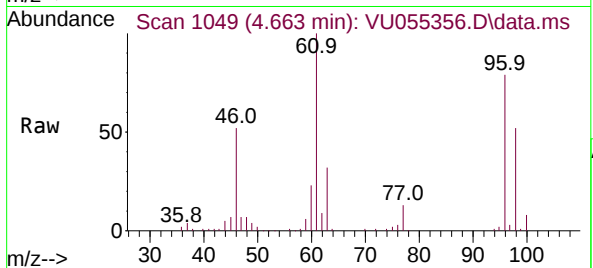
Tgt Ion: 84 Resp: 8635
 Ion Ratio Lower Upper
 84 100
 86 61.6 42.4 78.8
 49 117.1 79.9 148.3





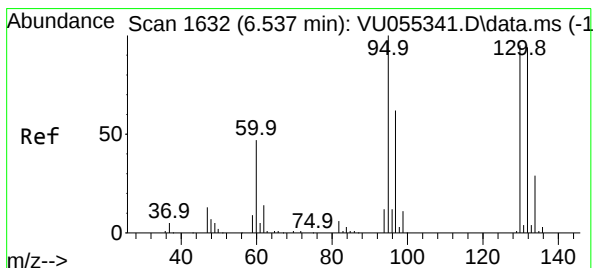
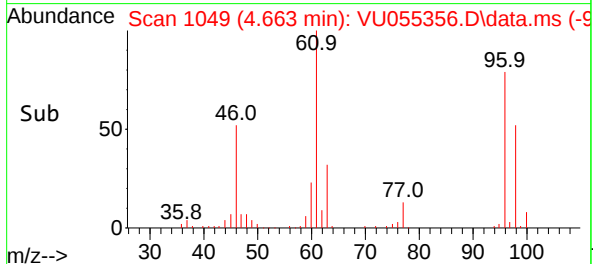
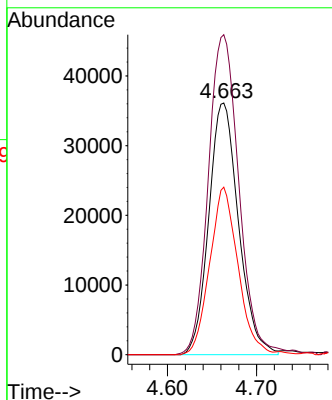
#22
 cis-1,2-Dichloroethene
 Concen: 5.123 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU055356.D
 Acq: 15 Sep 2023 22:17

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 83873

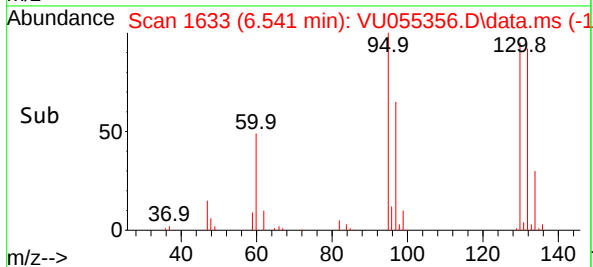
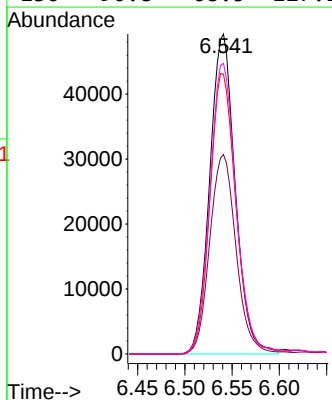
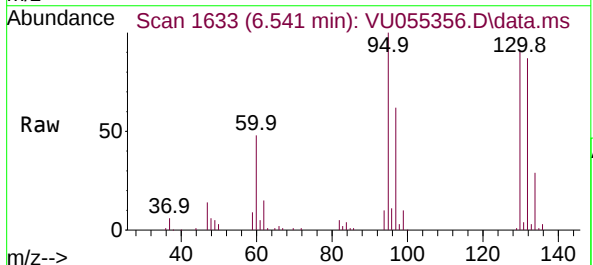
Ion	Ratio	Lower	Upper
96	100		
61	127.2	88.1	163.7
98	66.6	43.5	80.7

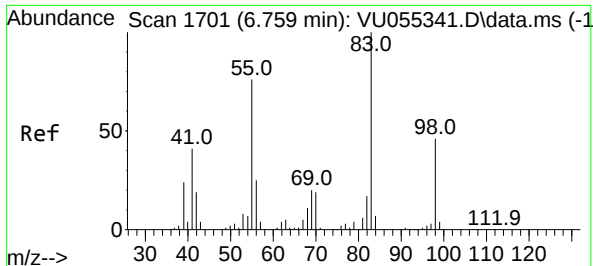


#34
 Trichloroethene
 Concen: 5.193 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.003 min
 Lab File: VU055356.D
 Acq: 15 Sep 2023 22:17

Tgt Ion: 95 Resp: 92323

Ion	Ratio	Lower	Upper
95	100		
97	62.4	47.4	88.0
132	87.5	60.5	112.3
130	90.8	68.5	127.1





#35

Methylcyclohexane

Concen: 0.699 ug/L

RT: 6.686 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU055356.D

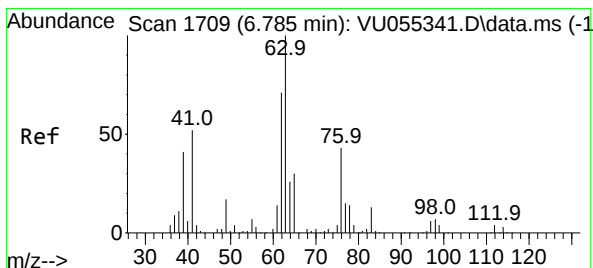
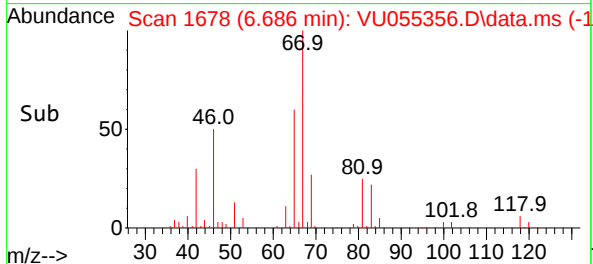
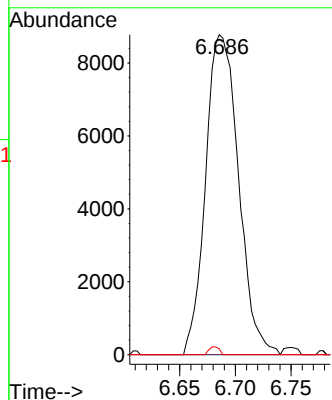
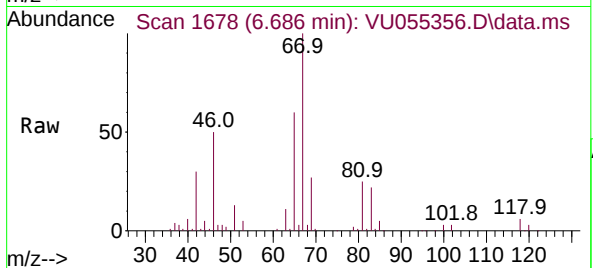
Acq: 15 Sep 2023 22:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 18061
Ion Ratio	Lower Upper
83	100
55	0.0 58.7 88.1#
98	0.8 36.3 54.5#



#37

1,2-Dichloropropane

Concen: 0.500 ug/L

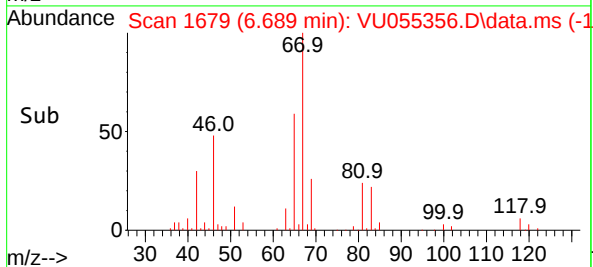
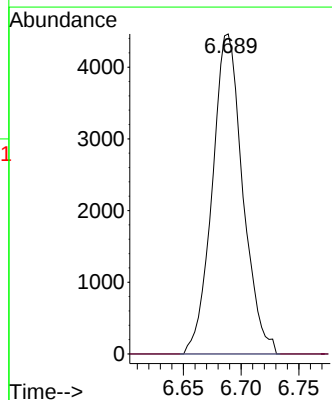
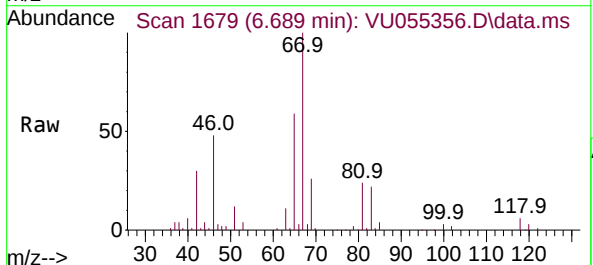
RT: 6.689 min Scan# 1679

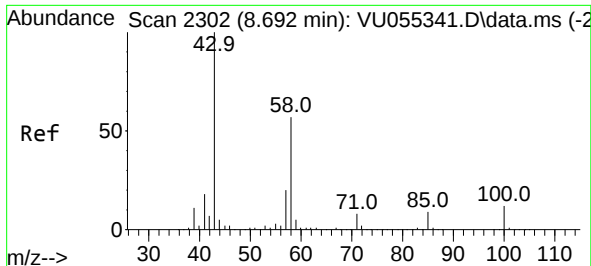
Delta R.T. -0.096 min

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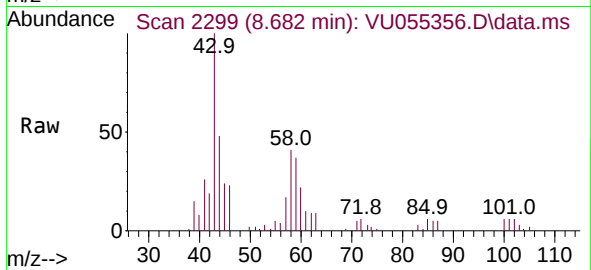
Tgt Ion: 63	Resp: 8206
Ion Ratio	Lower Upper
63	100
112	0.0 3.0 4.4#



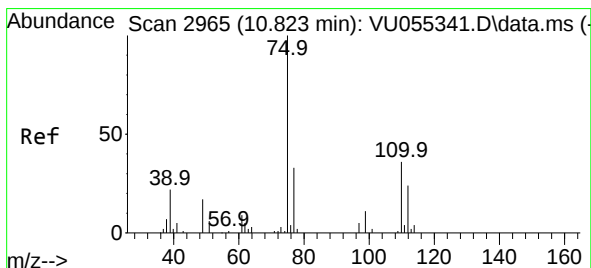
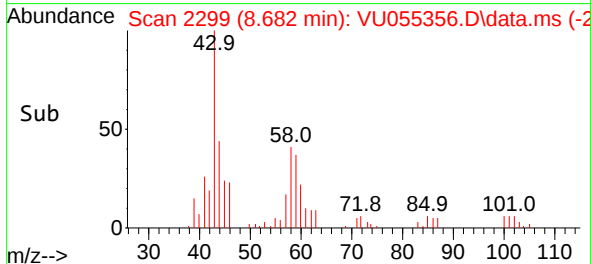
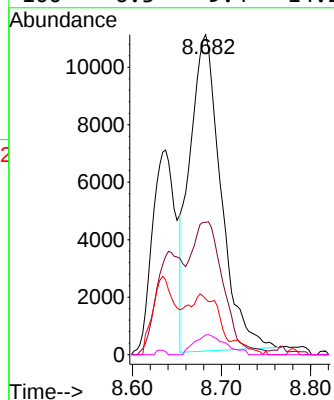


#48
2-Hexanone
Concen: 4.562 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.009 min
Lab File: VU055356.D
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Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.3	47.8	71.6#
57	11.4	15.4	23.2#
100	6.3	9.4	14.2#



#61
1,2,3-Trichloropropane
Concen: 1.358 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.984 min
Lab File: VU055356.D
Acq: 15 Sep 2023 22:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.9	31.4	47.2#
77	32.9	26.0	39.0

