

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054961.D
 Acq On : 29 Aug 2023 16:59
 Operator : MD/SY
 Sample : 04173-10DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 22:31:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 22:22:50 2023
 Response via : Initial Calibration

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

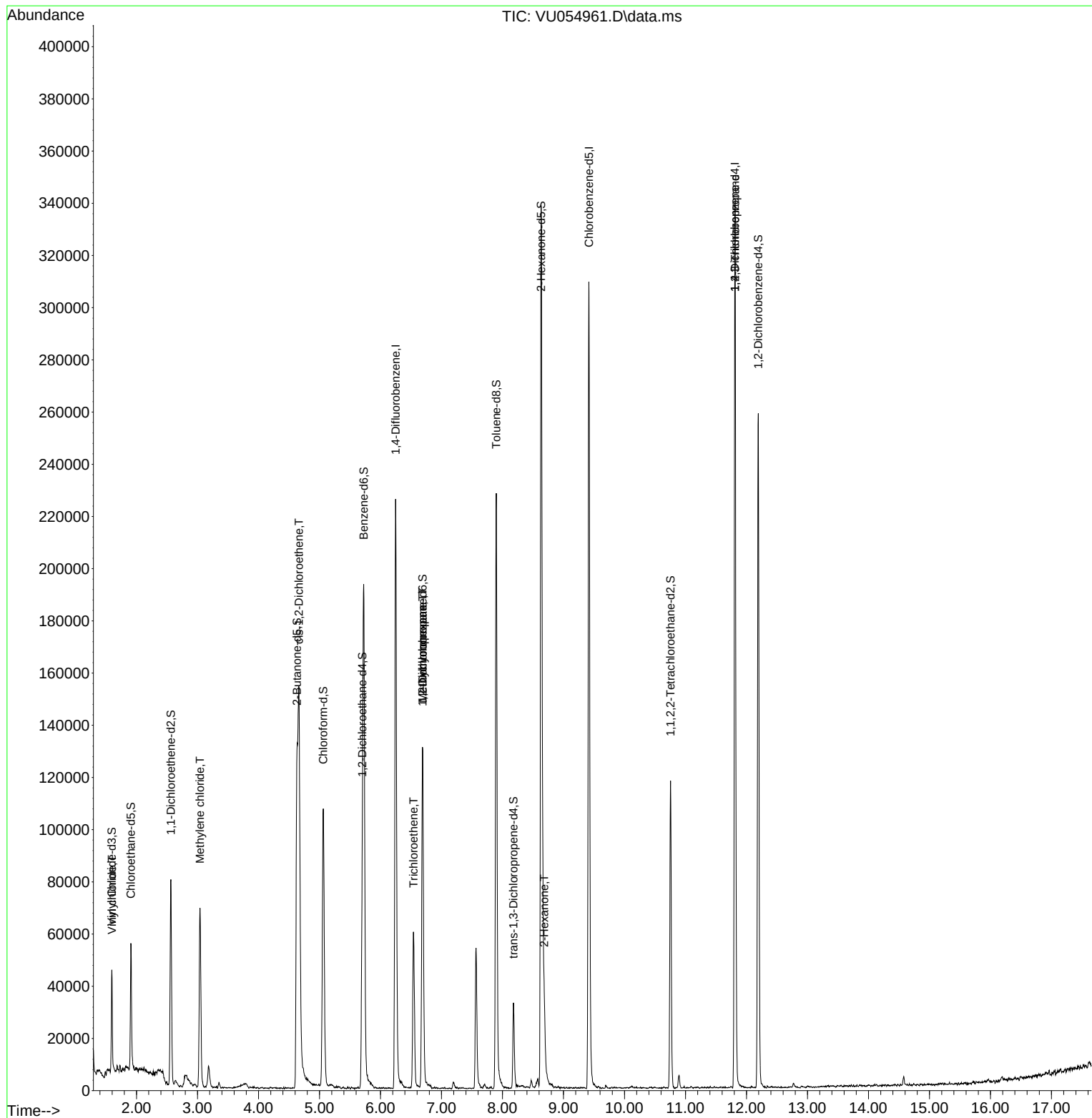
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	181646	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	171216	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	85322	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	25318	4.416	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.907	69	33836	4.568	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.563	65	15175	4.683	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	4.631	46	175299	56.645	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.300%
24) Chloroform-d	5.062	84	97201	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.701	65	55806	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.724	84	175621	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.692	67	61911	4.574	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.897	98	156495	4.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.180	79	19165	4.302	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.634	63	116656	55.174	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.340%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	56755	4.890	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	64344	4.723	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
5) Vinyl chloride	1.599	62	2270	0.186	ug/L #	67
16) Methylene chloride	3.039	84	29889	2.372	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	57146	5.348	ug/L	90
34) Trichloroethene	6.541	95	19827	1.771	ug/L	98
35) Methylcyclohexane	6.688	83	14430	0.871	ug/L #	18
37) 1,2-Dichloropropane	6.688	63	7000	0.622	ug/L #	90
48) 2-Hexanone	8.685	43	14909	3.207	ug/L #	88
61) 1,2,3-Trichloropropane	11.814	75	11967	1.884	ug/L #	70

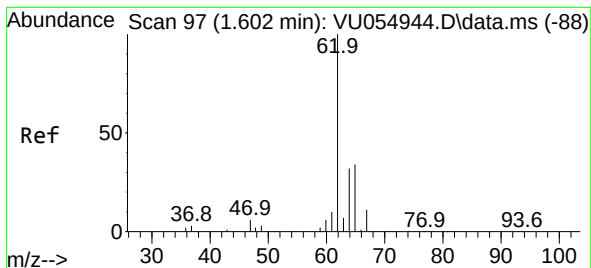
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.186 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU054961.D

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Instrument :

MSVOA_U

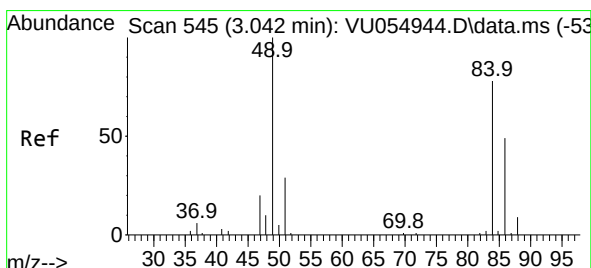
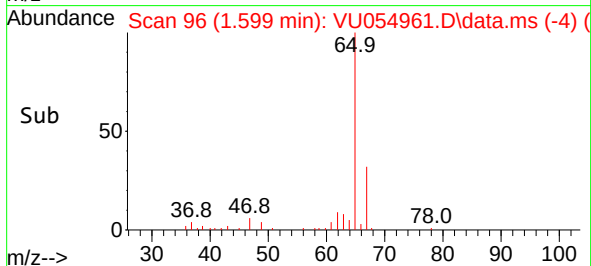
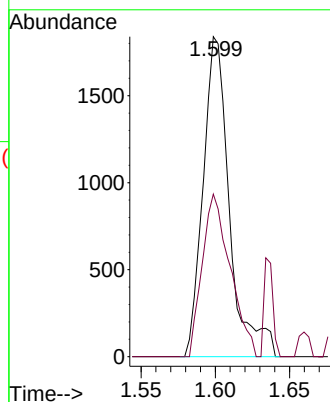
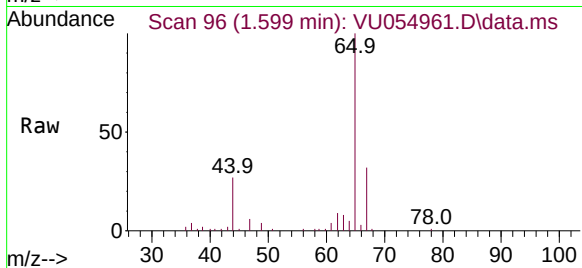
ClientSampleId :

Tgt Ion: 62 Resp: 2270

Ion Ratio Lower Upper

62 100

64 50.8 22.7 42.1#



#16

Methylene chloride

Concen: 2.372 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.003 min

Lab File: VU054961.D

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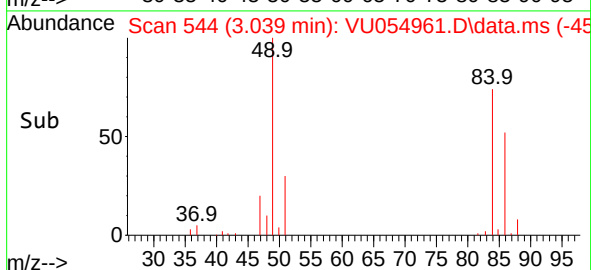
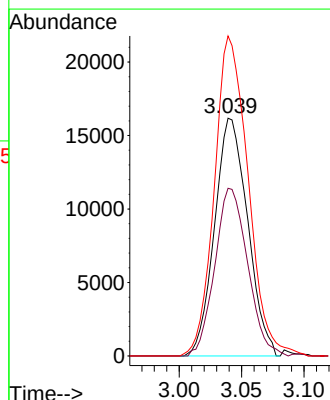
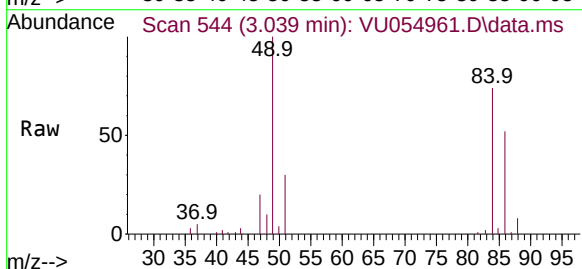
Tgt Ion: 84 Resp: 29889

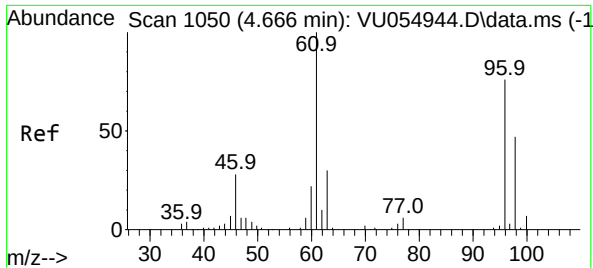
Ion Ratio Lower Upper

84 100

86 70.5 45.1 83.7

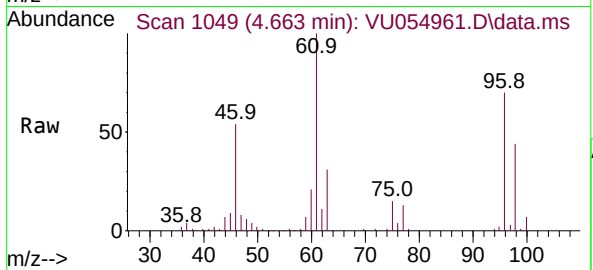
49 134.6 89.5 166.3



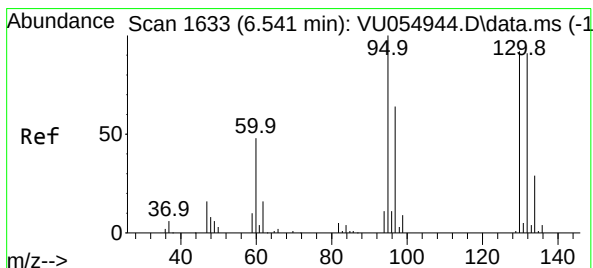
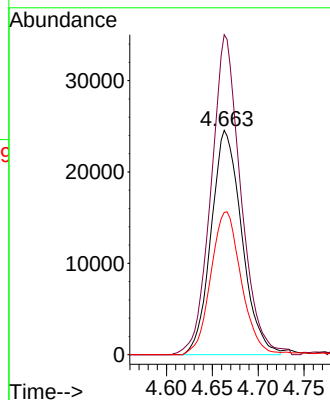
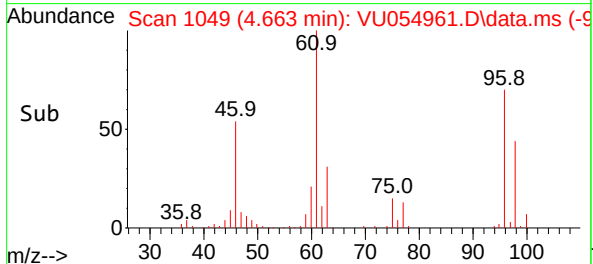


#22
 cis-1,2-Dichloroethene
 Concen: 5.348 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU054961.D
 Acq: 29 Aug 2023 16:59

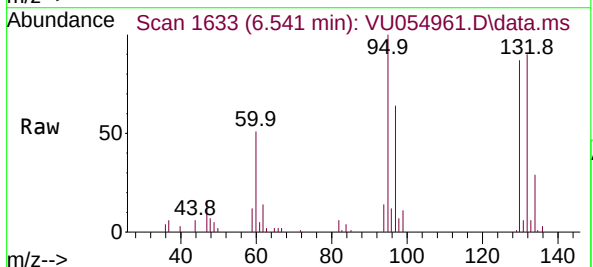
Instrument :
 MSVOA_U
 ClientSampleId :



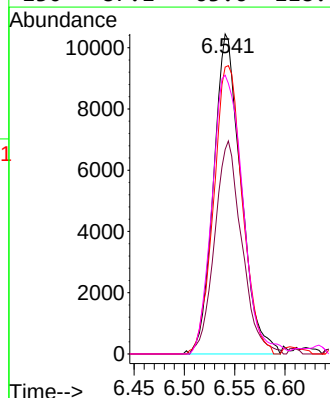
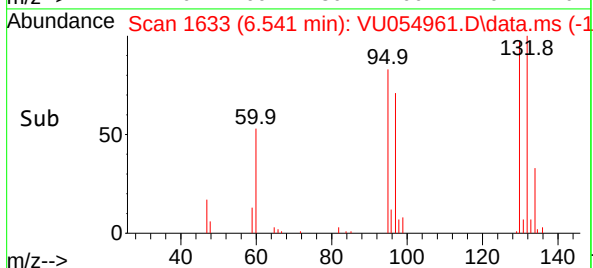
Tgt Ion:	96	Resp:	57146
Ion	Ratio	Lower	Upper
96	100		
61	142.7	88.4	164.2
98	63.4	44.0	81.6

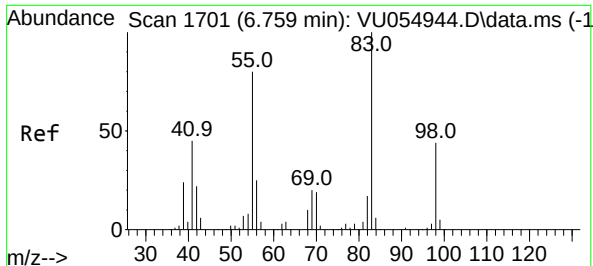


#34
 Trichloroethene
 Concen: 1.771 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. -0.000 min
 Lab File: VU054961.D
 Acq: 29 Aug 2023 16:59



Tgt Ion:	95	Resp:	19827
Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.1	81.9
132	89.6	63.6	118.2
130	87.1	63.6	118.0





#35

Methylcyclohexane

Concen: 0.871 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU054961.D

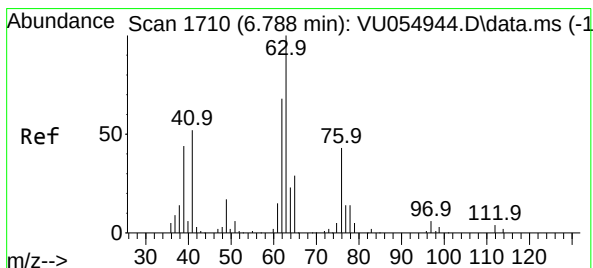
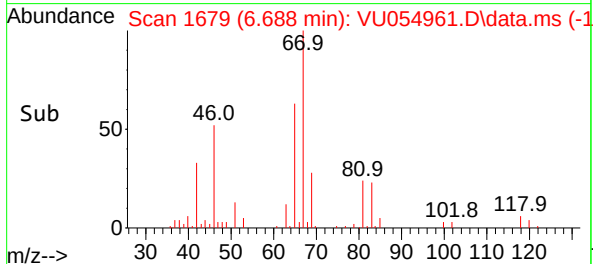
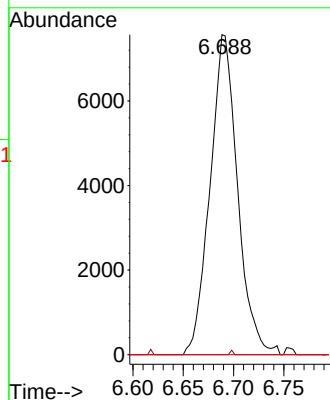
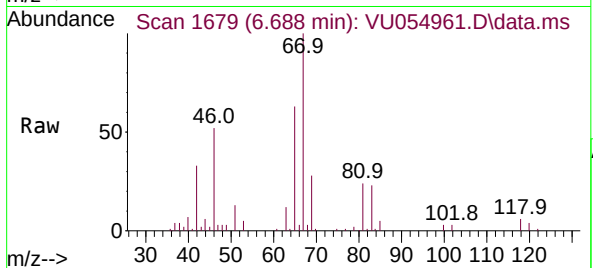
Acq: 29 Aug 2023 16:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	14430
Ion Ratio	Lower	Upper	
83	100		
55	0.1	62.1	93.1#
98	0.0	37.8	56.6#



#37

1,2-Dichloropropane

Concen: 0.622 ug/L

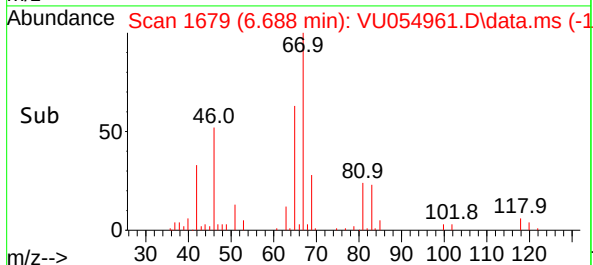
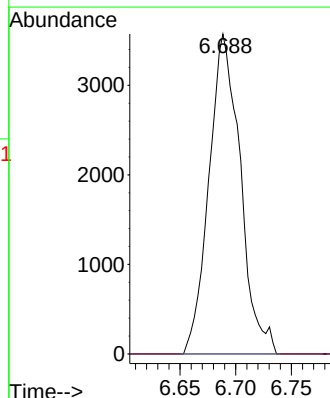
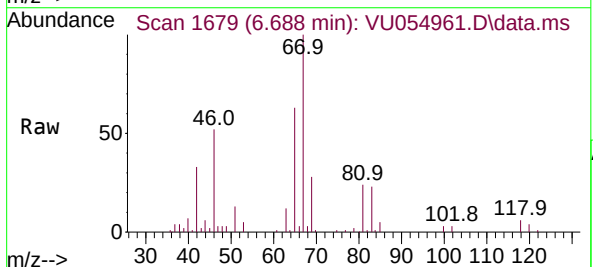
RT: 6.688 min Scan# 1679

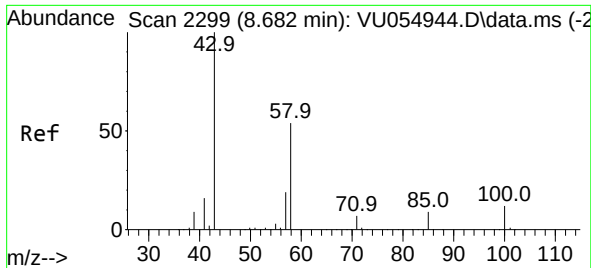
Delta R.T. -0.100 min

Lab File: VU054961.D

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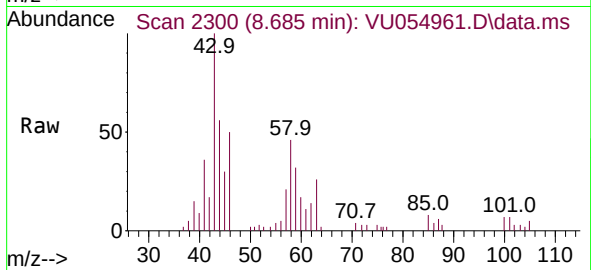
Tgt Ion:	63	Resp:	7000
Ion Ratio	Lower	Upper	
63	100		
112	0.0	2.7	4.1#



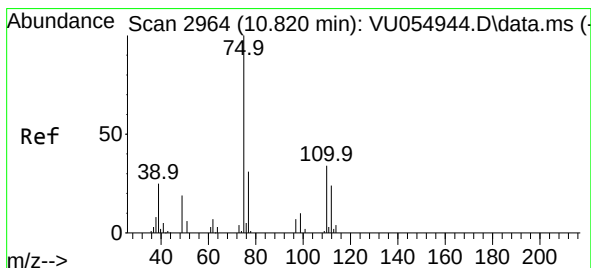
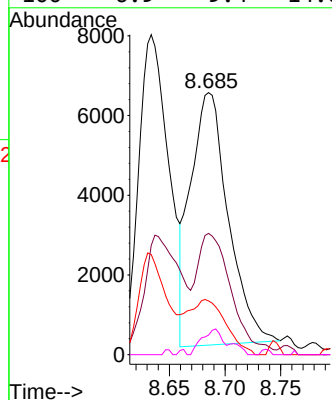
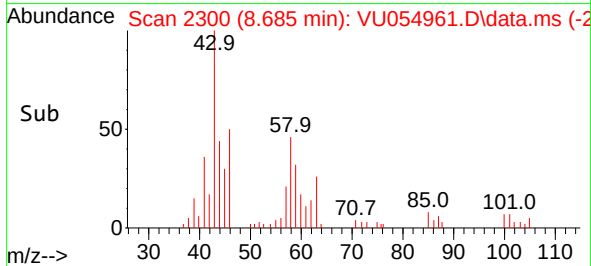


#48
 2-Hexanone
 Concen: 3.207 ug/L
 RT: 8.685 min Scan# 2190
 Delta R.T. 0.003 min
 Lab File: VU054961.D
 Acq: 29 Aug 2023 16:59

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 43 Resp: 14909
 Ion Ratio Lower Upper
 43 100
 58 43.8 44.0 66.0#
 57 20.7 15.9 23.9
 100 6.9 9.4 14.0#



#61
 1,2,3-Trichloropropane
 Concen: 1.884 ug/L
 RT: 11.814 min Scan# 3273
 Delta R.T. 0.993 min
 Lab File: VU054961.D
 Acq: 29 Aug 2023 16:59

Tgt Ion: 75 Resp: 11967
 Ion Ratio Lower Upper
 75 100
 110 3.6 29.0 43.6#
 77 31.7 26.5 39.7

