

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059679.D
 Acq On : 01 Jul 2024 12:58
 Operator : MD/SY
 Sample : P3059-12DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 02 01:38:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

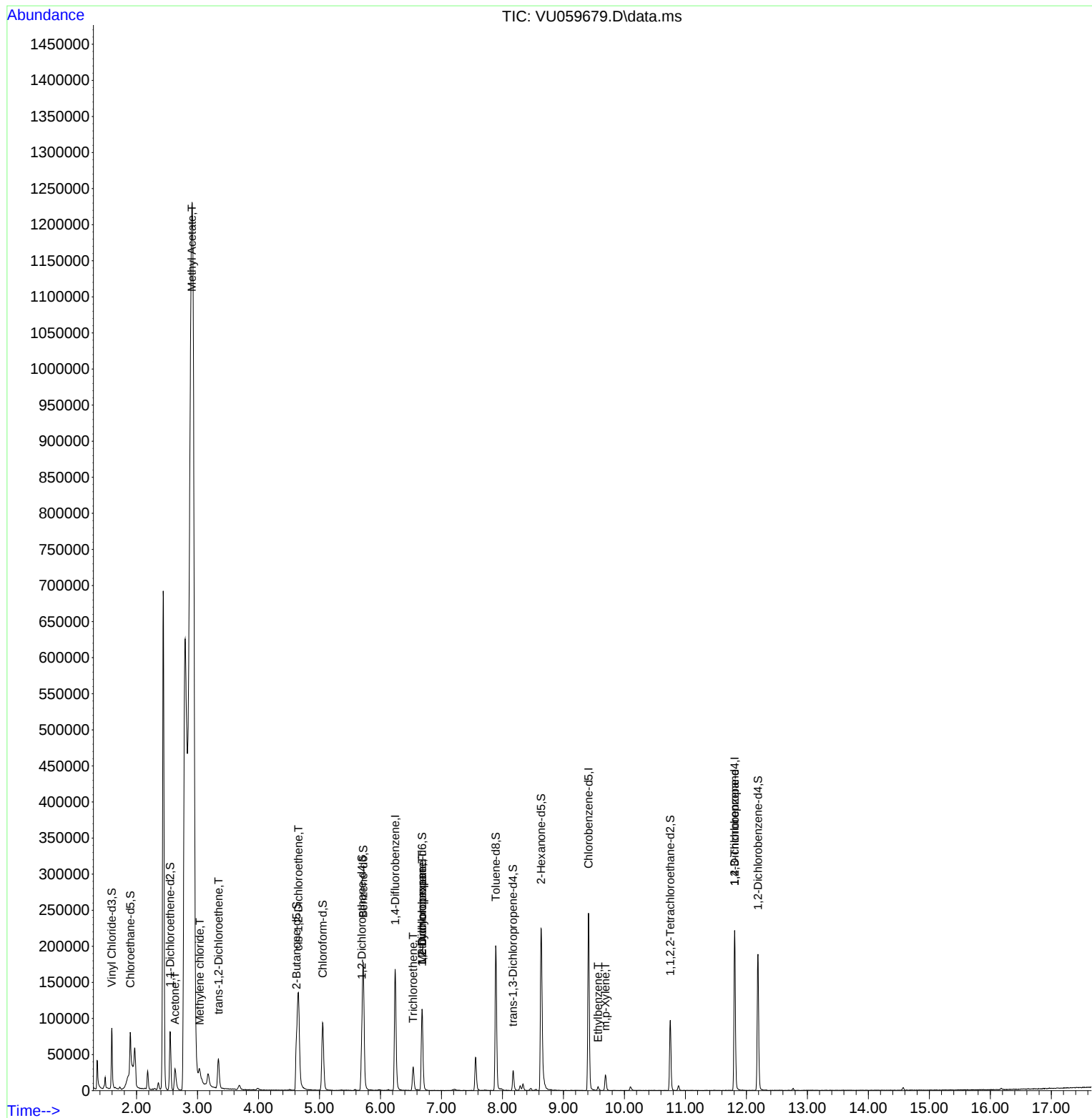
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	145398	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	146145	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	64440	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	32058	3.171	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.400%
7) Chloroethane-d5	1.898	69	45147	4.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.550	65	15563	3.710	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	4.624	46	112496	54.018	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.040%
24) Chloroform-d	5.052	84	90717	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.695	65	44412	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.717	84	174829	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.682	67	57633	4.676	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.891	98	140919	3.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
43) trans-1,3-Dichloroprop...	8.174	79	17054	4.419	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.634	63	87710	54.697	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.400%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51523	5.060	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	55254	4.818	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						Qvalue
13) Acetone	2.631	43	42202	31.239	ug/L	96
15) Methyl Acetate	2.910	43	788512	221.182	ug/L #	51
16) Methylene chloride	3.036	84	7792	0.638	ug/L	86
18) trans-1,2-Dichloroethene	3.345	96	16891	1.575	ug/L	87
22) cis-1,2-Dichloroethene	4.656	96	63673	5.386	ug/L	95
34) Trichloroethene	6.537	95	11751	0.978	ug/L	96
35) Methylcyclohexane	6.682	83	13053	0.763	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	5936	0.517	ug/L #	90
52) Ethylbenzene	9.566	91	4143	0.086	ug/L	91
53) m,p-Xylene	9.688	106	6708	0.362	ug/L	94
61) 1,2,3-Trichloropropane	11.807	75	7007	1.177	ug/L #	71

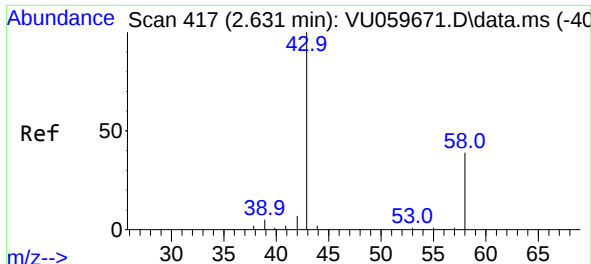
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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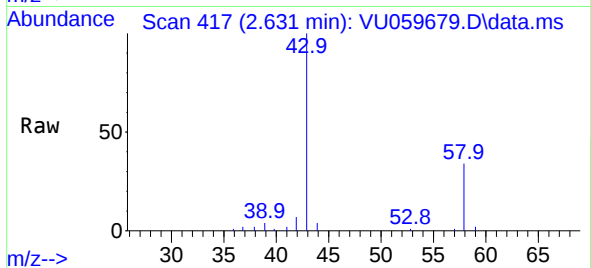
Quant Time: Jul 02 01:38:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
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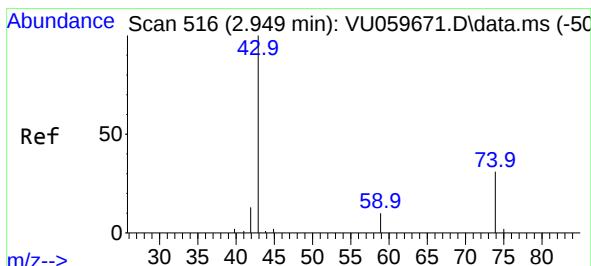
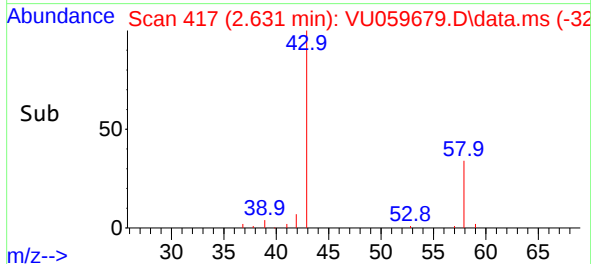
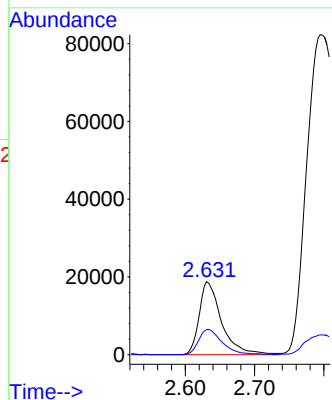


#13
Acetone
Concen: 31.239 ug/L
RT: 2.631 min Scan# 417
Delta R.T. -0.003 min
Lab File: VU059679.D
Acq: 01 Jul 2024 12:58

Instrument :
MSVOA_U
ClientSampleId :

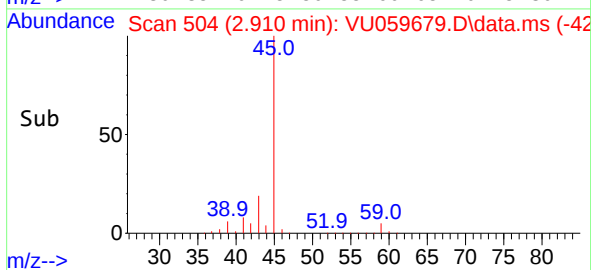
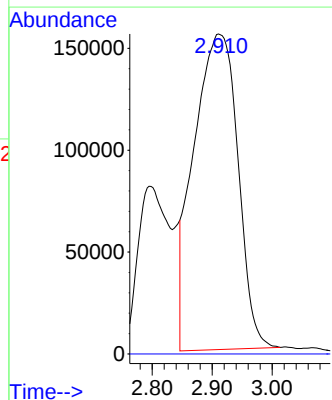
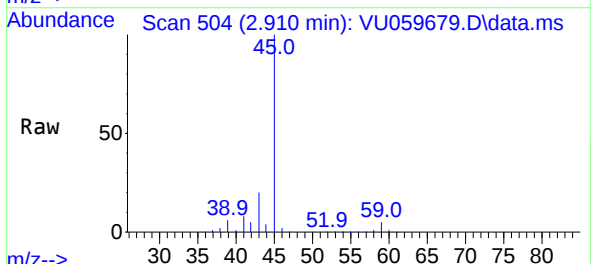


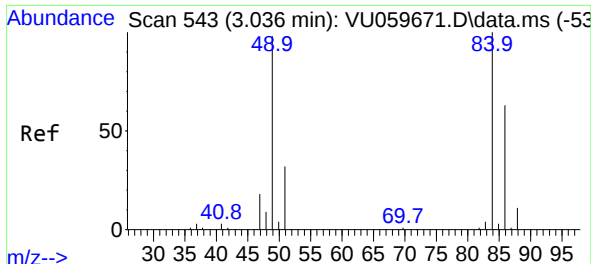
Tgt Ion: 43 Resp: 42202
Ion Ratio Lower Upper
43 100
58 36.5 0.0 68.0



#15
Methyl Acetate
Concen: 221.182 ug/L
RT: 2.910 min Scan# 504
Delta R.T. -0.039 min
Lab File: VU059679.D
Acq: 01 Jul 2024 12:58

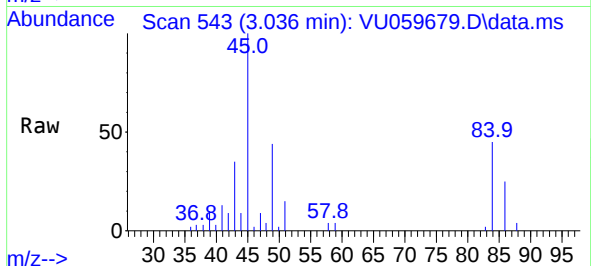
Tgt Ion: 43 Resp: 788512
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#





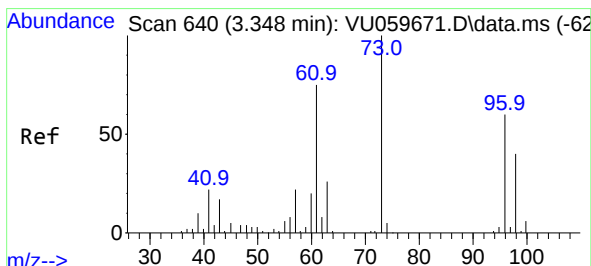
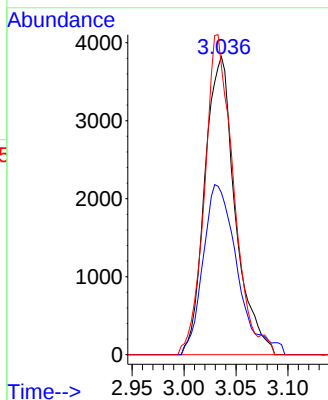
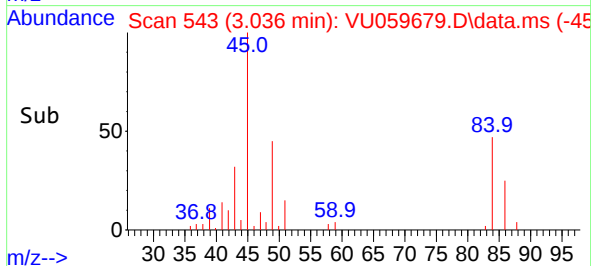
#16
Methylene chloride
Concen: 0.638 ug/L
RT: 3.036 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU059679.D
Acq: 01 Jul 2024 12:58

Instrument :
MSVOA_U
ClientSampleId :

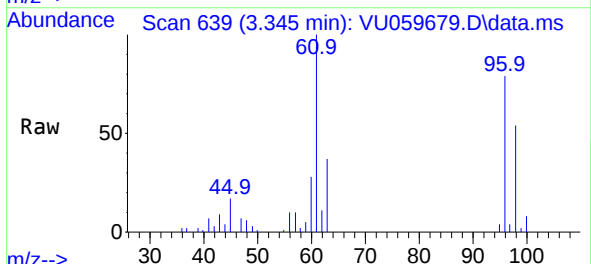


Tgt Ion: 84 Resp: 7792

Ion	Ratio	Lower	Upper
84	100		
86	54.3	42.1	78.1
49	96.8	80.6	149.8

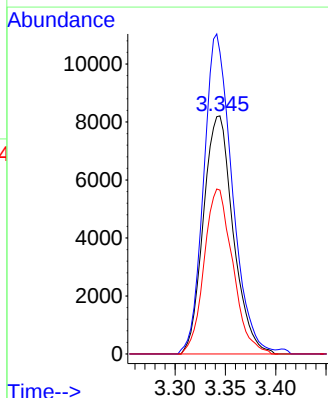
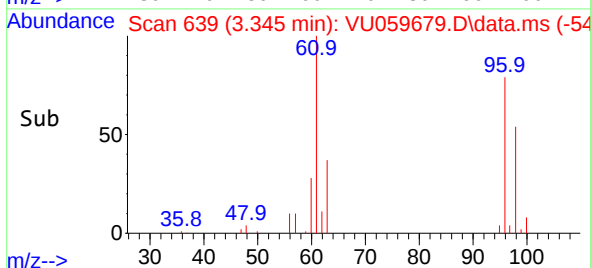


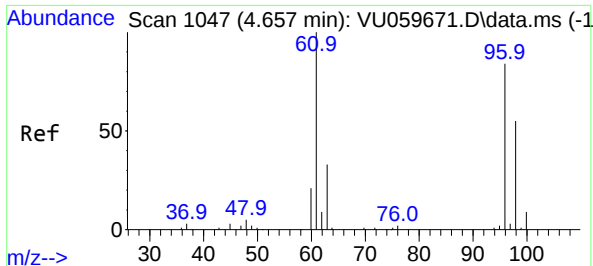
#18
trans-1,2-Dichloroethene
Concen: 1.575 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU059679.D
Acq: 01 Jul 2024 12:58



Tgt Ion: 96 Resp: 16891

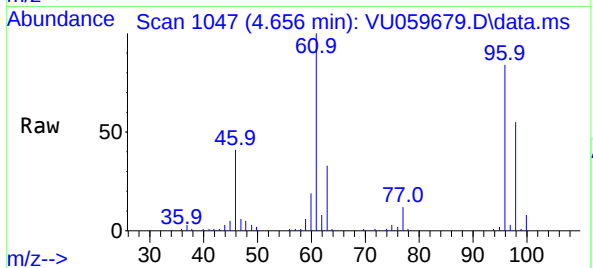
Ion	Ratio	Lower	Upper
96	100		
61	126.7	101.8	189.0
98	68.8	43.3	80.5



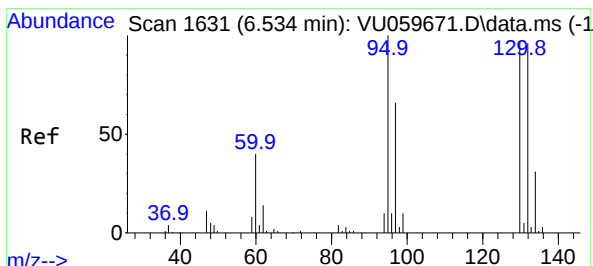
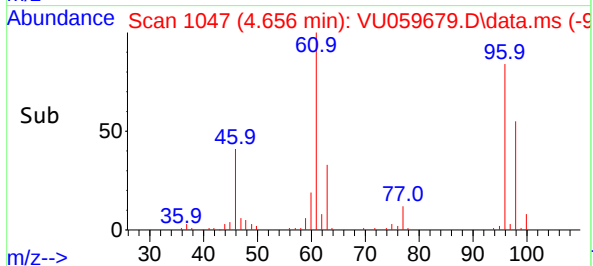
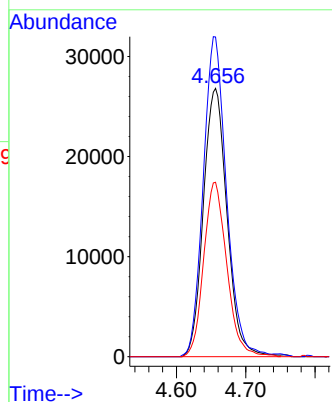


#22
cis-1,2-Dichloroethene
Concen: 5.386 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU059679.D
Acq: 01 Jul 2024 12:58

Instrument :
MSVOA_U
ClientSampleId :

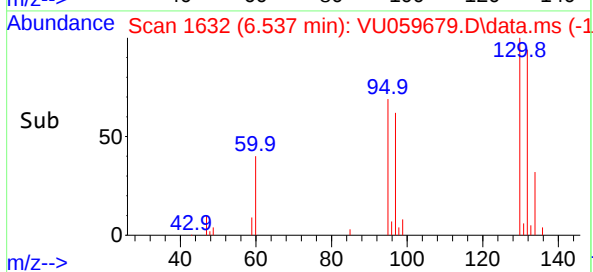
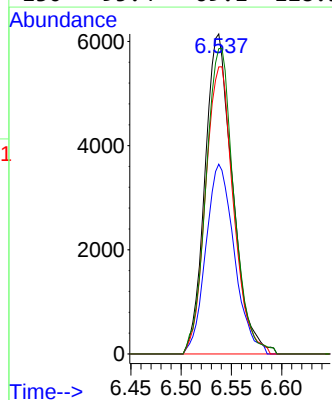
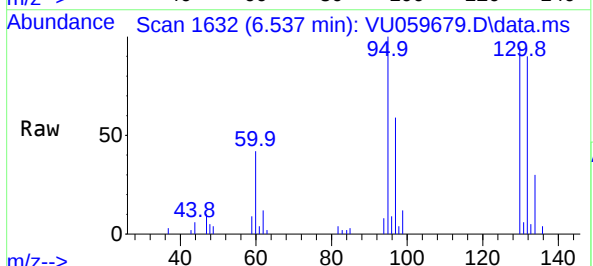


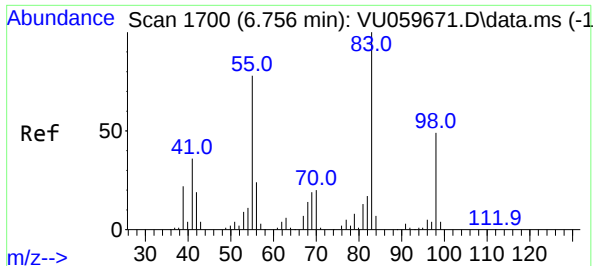
Tgt Ion: 96 Resp: 63673
Ion Ratio Lower Upper
96 100
61 119.2 87.4 162.2
98 65.0 42.3 78.5



#34
Trichloroethene
Concen: 0.978 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU059679.D
Acq: 01 Jul 2024 12:58

Tgt Ion: 95 Resp: 11751
Ion Ratio Lower Upper
95 100
97 59.3 45.3 84.1
132 89.7 64.0 119.0
130 95.4 69.1 128.3

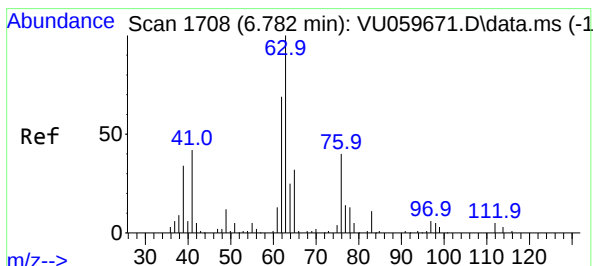
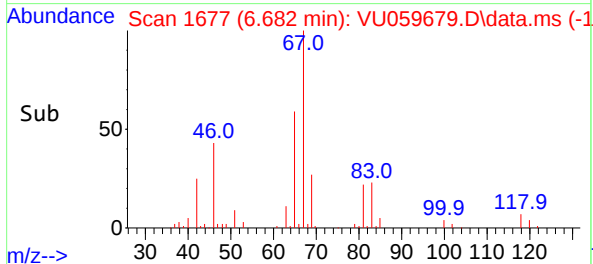
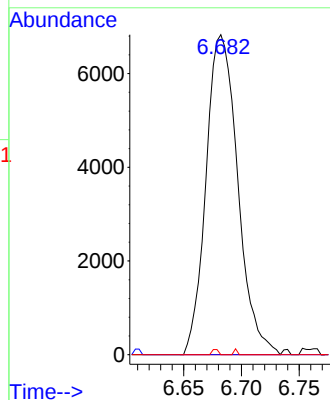
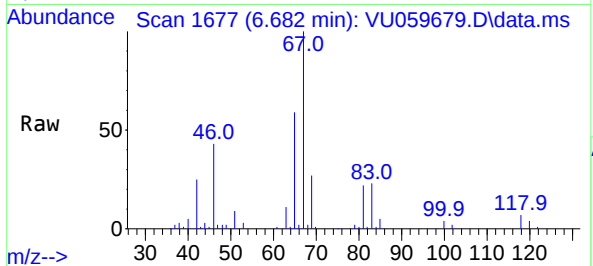




#35
Methylcyclohexane
Concen: 0.763 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU059679.D
Acq: 01 Jul 2024 12:58

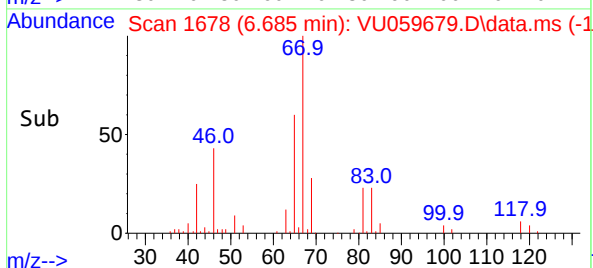
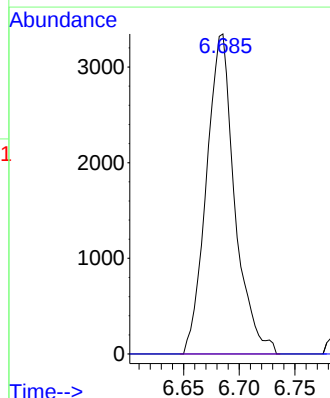
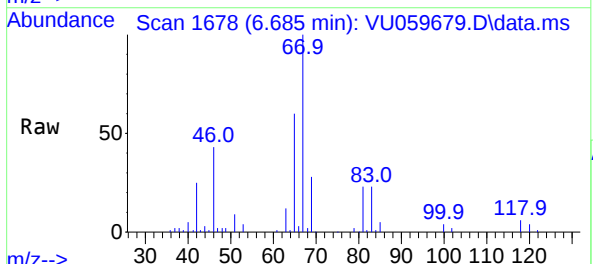
Instrument :
MSVOA_U
ClientSampleId :

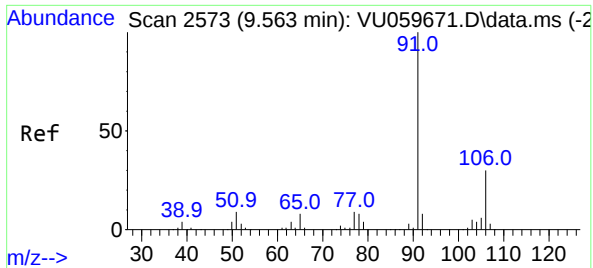
Tgt Ion: 83 Resp: 13053
Ion Ratio Lower Upper
83 100
55 0.4 62.7 94.1#
98 0.3 35.4 53.0#



#37
1,2-Dichloropropane
Concen: 0.517 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU059679.D
Acq: 01 Jul 2024 12:58

Tgt Ion: 63 Resp: 5936
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

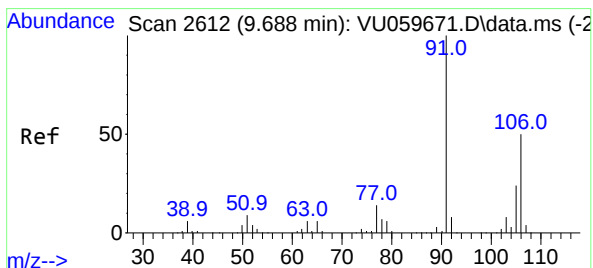
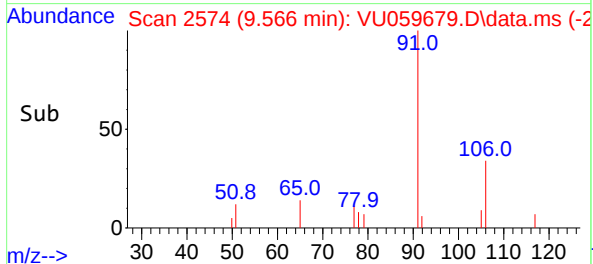
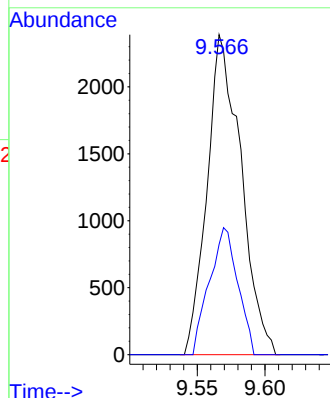
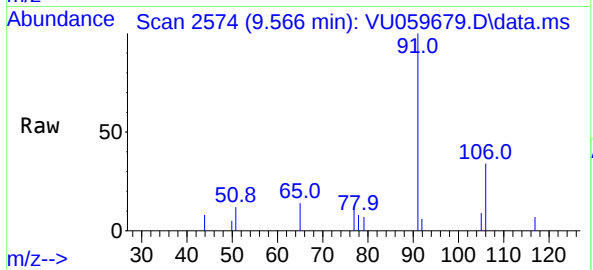




#52
Ethylbenzene
Concen: 0.086 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059679.D
Acq: 01 Jul 2024 12:58

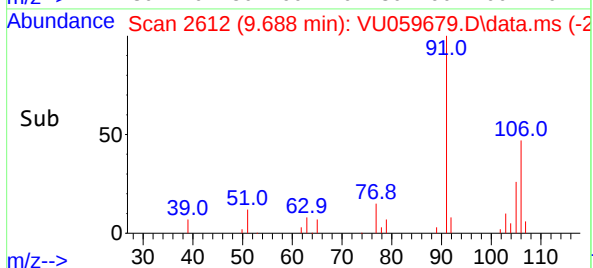
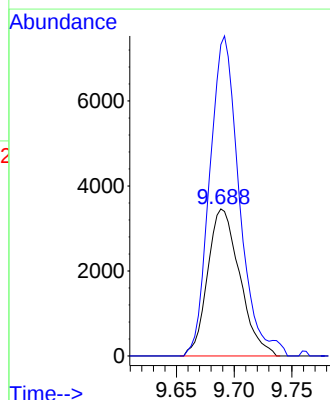
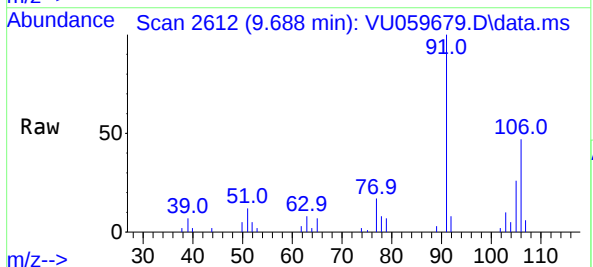
Instrument :
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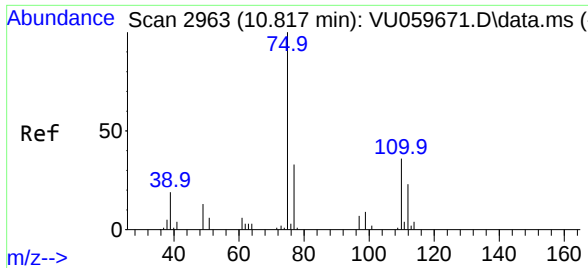
Tgt Ion: 91 Resp: 4143
Ion Ratio Lower Upper
91 100
106 34.4 20.9 38.7



#53
m,p-Xylene
Concen: 0.362 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059679.D
Acq: 01 Jul 2024 12:58

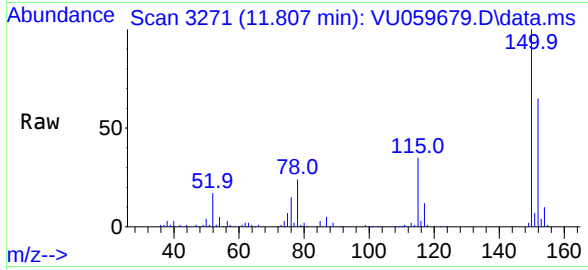
Tgt Ion: 106 Resp: 6708
Ion Ratio Lower Upper
106 100
91 211.8 142.0 263.8





#61
1,2,3-Trichloropropane
Concen: 1.177 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU059679.D
Acq: 01 Jul 2024 12:58

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 7007
Ion Ratio Lower Upper
75 100
110 2.6 27.1 40.7#
77 30.5 25.4 38.2

