

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059680.D
 Acq On : 01 Jul 2024 13:22
 Operator : MD/SY
 Sample : P3059-20DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1GN6DL

Quant Time: Jul 02 01:38:42 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)

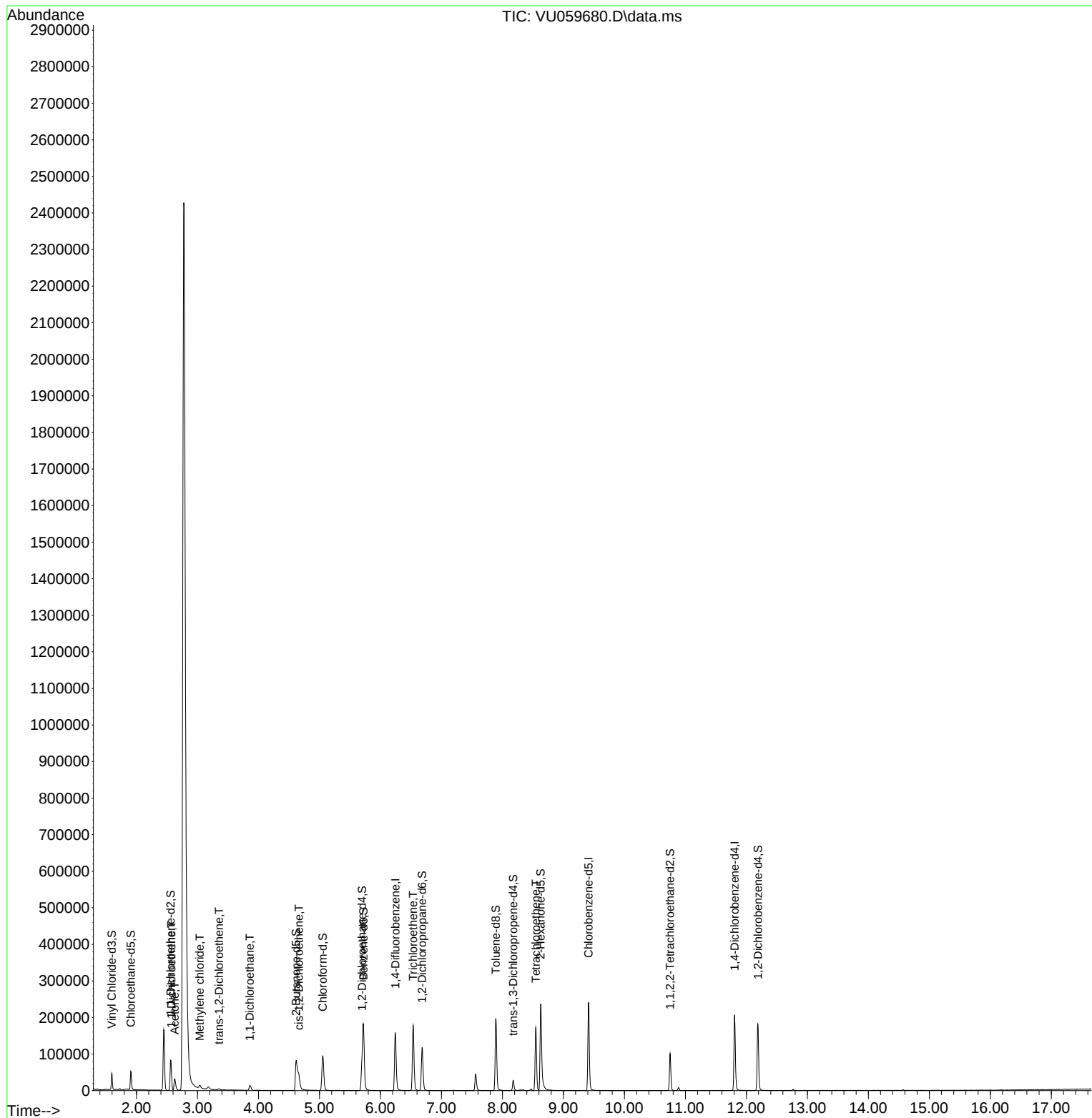
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	135945	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	142075	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	61083	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	33180	3.510	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.907	69	38551	4.238	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.560	65	14953	3.813	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.618	46	113728	58.407	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.820%
24) Chloroform-d	5.055	84	92343	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.698	65	47049	5.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.721	84	178085	4.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.685	67	58938	4.919	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.891	98	142008	3.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.177	79	16897	4.504	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.627	63	84689	54.326	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.660%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	51931	5.246	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	54029	4.970	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	2059	0.214	ug/L	# 1
13) Acetone	2.628	43	41154	32.582	ug/L	95
16) Methylene chloride	3.036	84	4050	0.354	ug/L	92
18) trans-1,2-Dichloroethene	3.354	96	1290	0.129	ug/L	93
19) 1,1-Dichloroethane	3.859	63	15846	0.857	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	18147	1.642	ug/L	95
34) Trichloroethene	6.537	95	60896	5.212	ug/L	95
47) Tetrachloroethene	8.547	164	40298	4.445	ug/L	98

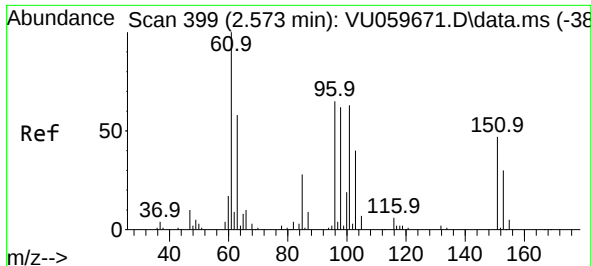
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 29 01:51:23 2024
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#12

1,1-Dichloroethene

Concen: 0.214 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU059680.D

Acq: 01 Jul 2024 13:22

Instrument :

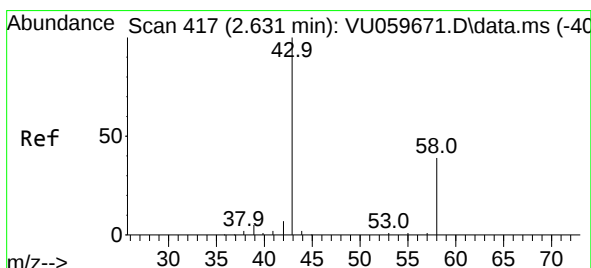
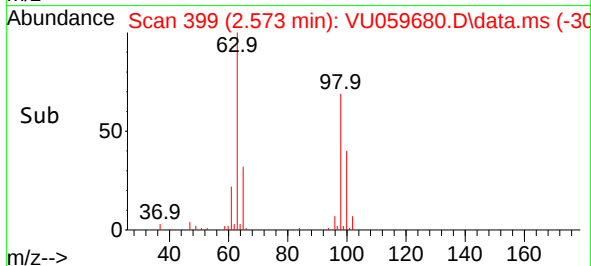
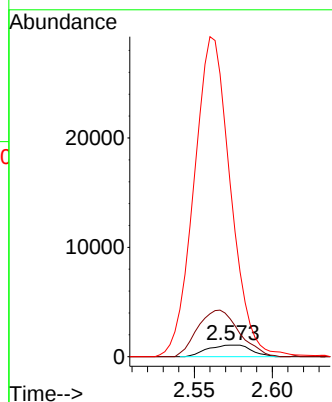
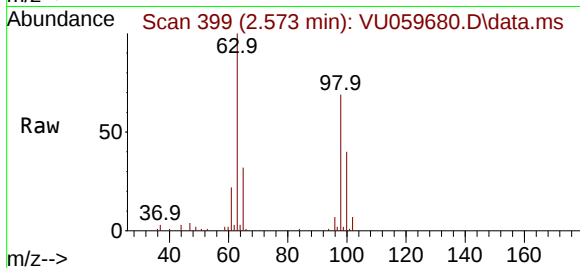
MSVOA_U

ClientSampleId :

E1GN6DL

Tgt Ion: 96 Resp: 2059

Ion	Ratio	Lower	Upper
96	100		
61	260.9	122.9	228.3#
63	1191.3	80.4	149.4#



#13

Acetone

Concen: 32.582 ug/L

RT: 2.628 min Scan# 416

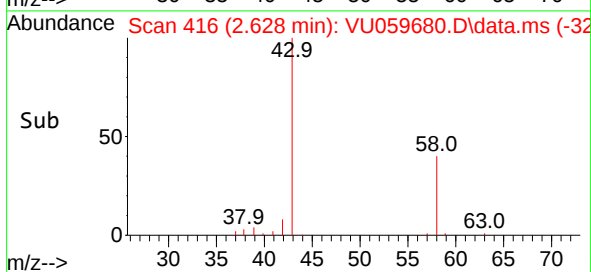
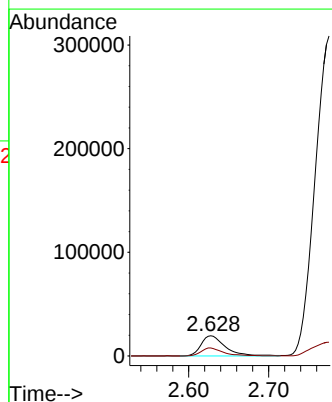
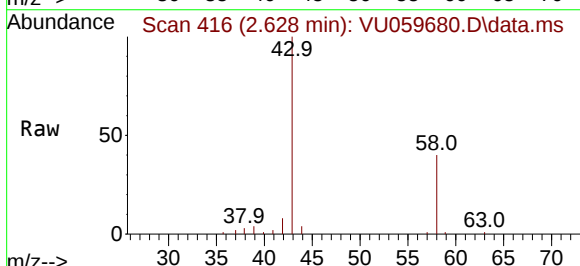
Delta R.T. -0.006 min

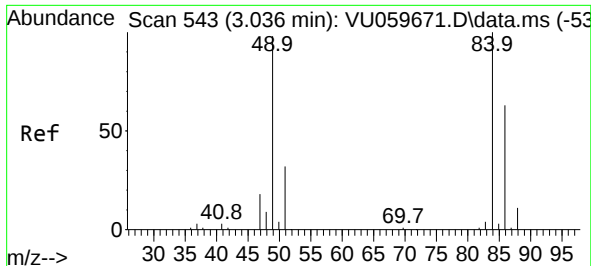
Lab File: VU059680.D

Acq: 01 Jul 2024 13:22

Tgt Ion: 43 Resp: 41154

Ion	Ratio	Lower	Upper
43	100		
58	36.6	0.0	68.0

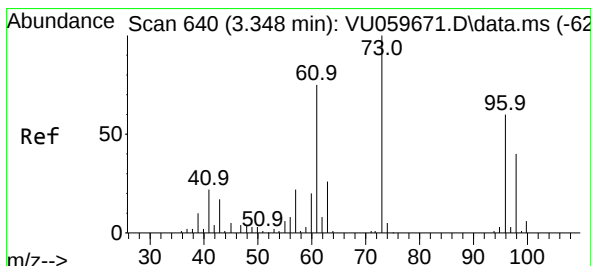
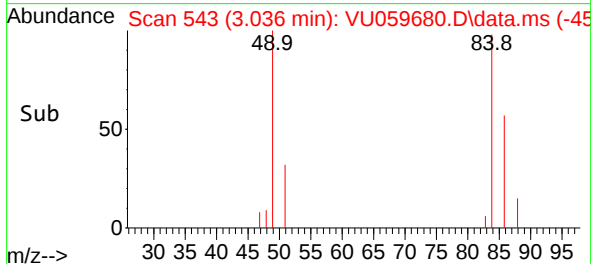
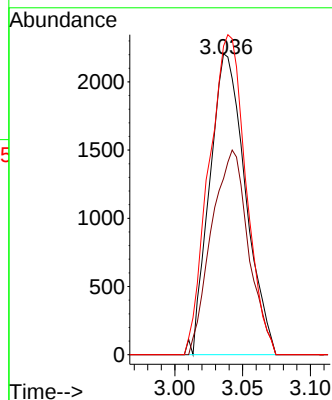
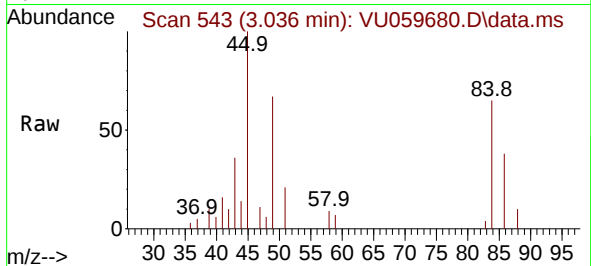




#16
Methylene chloride
Concen: 0.354 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU059680.D
Acq: 01 Jul 2024 13:22

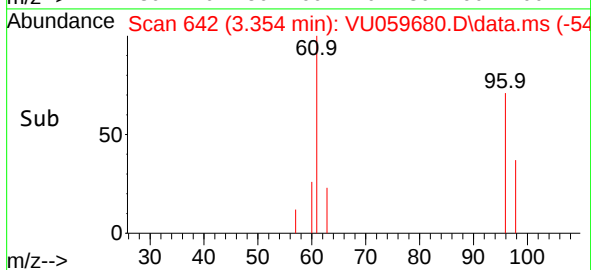
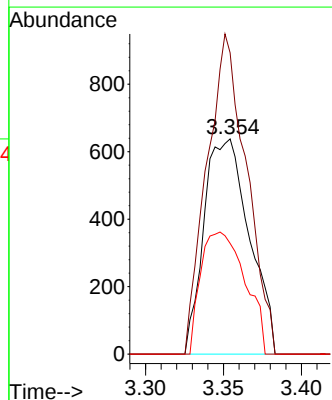
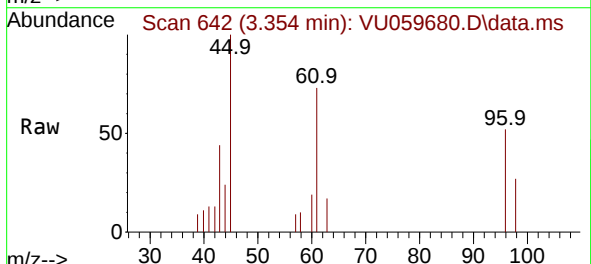
Instrument :
MSVOA_U
ClientSampleId :
E1GN6DL

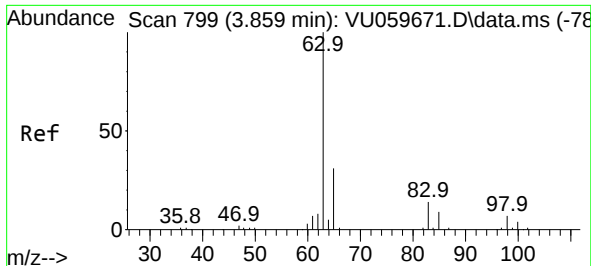
Tgt Ion: 84 Resp: 4050
Ion Ratio Lower Upper
84 100
86 58.5 42.1 78.1
49 102.5 80.6 149.8



#18
trans-1,2-Dichloroethene
Concen: 0.129 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.006 min
Lab File: VU059680.D
Acq: 01 Jul 2024 13:22

Tgt Ion: 96 Resp: 1290
Ion Ratio Lower Upper
96 100
61 140.0 101.8 189.0
98 51.4 43.3 80.5





#19

1,1-Dichloroethane

Concen: 0.857 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU059680.D

Acq: 01 Jul 2024 13:22

Instrument :

MSVOA_U

ClientSampleId :

E1GN6DL

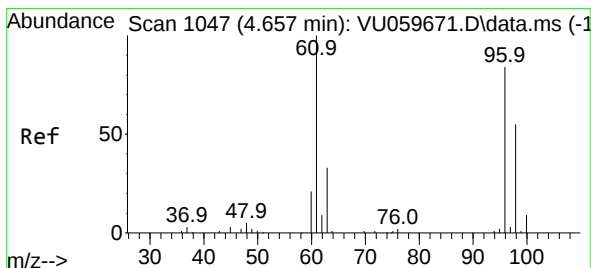
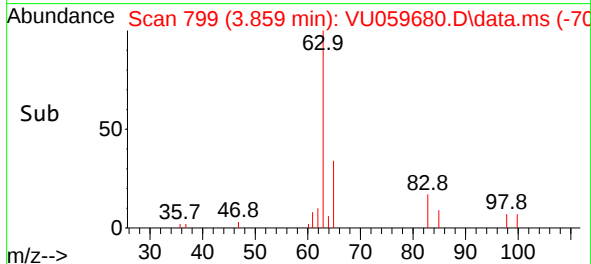
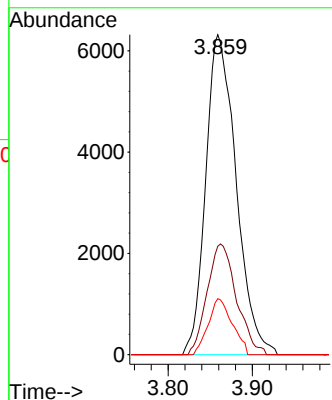
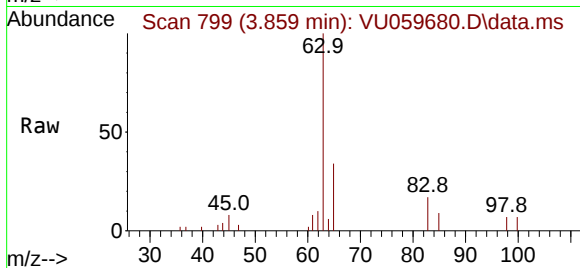
Tgt Ion: 63 Resp: 15846

Ion Ratio Lower Upper

63 100

65 33.9 21.8 40.6

83 17.5 9.9 18.5



#22

cis-1,2-Dichloroethene

Concen: 1.642 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU059680.D

Acq: 01 Jul 2024 13:22

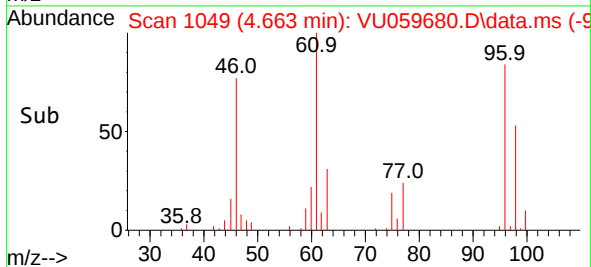
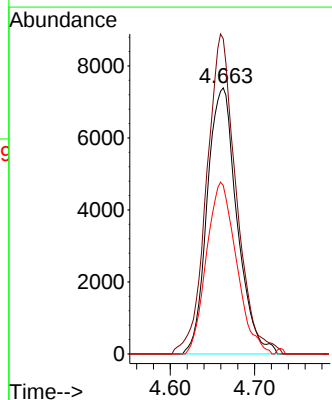
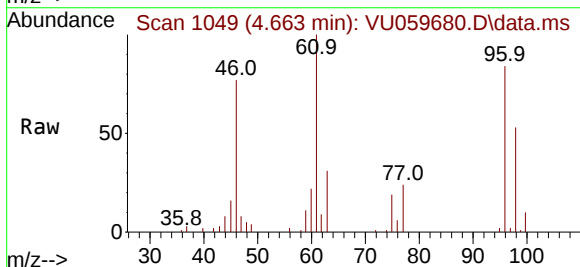
Tgt Ion: 96 Resp: 18147

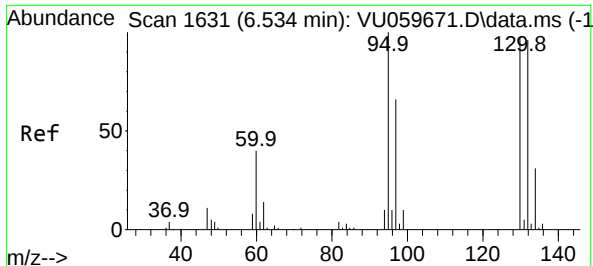
Ion Ratio Lower Upper

96 100

61 118.5 87.4 162.2

98 63.3 42.3 78.5

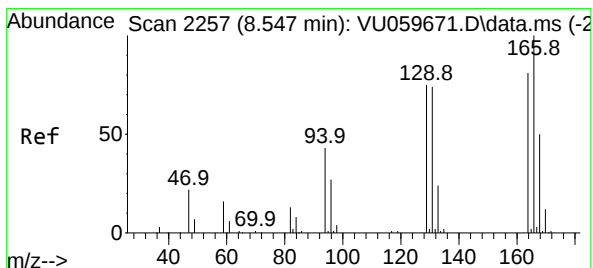
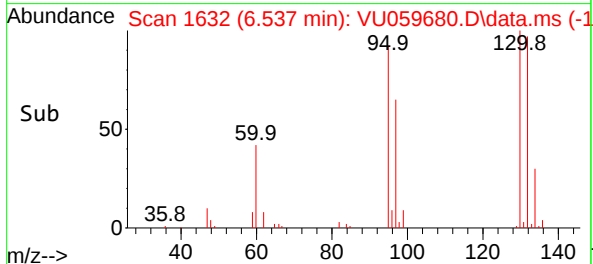
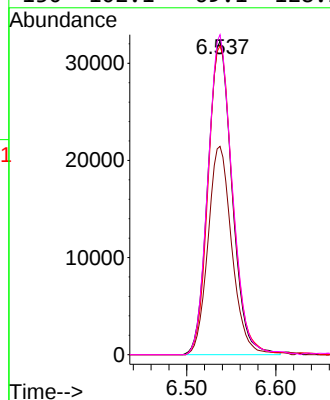
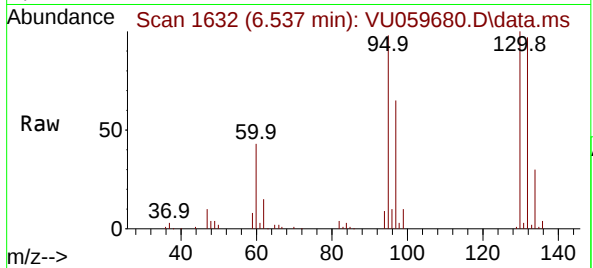




#34
Trichloroethene
Concen: 5.212 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU059680.D
Acq: 01 Jul 2024 13:22

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Tgt Ion: 95 Resp: 60896
Ion Ratio Lower Upper
95 100
97 66.4 45.3 84.1
132 98.6 64.0 119.0
130 102.1 69.1 128.3



#47
Tetrachloroethene
Concen: 4.445 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059680.D
Acq: 01 Jul 2024 13:22

Tgt Ion: 164 Resp: 40298
Ion Ratio Lower Upper
164 100
129 94.8 70.8 131.4
131 91.5 64.8 120.3
166 130.7 91.1 169.1

