

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
 Data File : VU059854.D
 Acq On : 05 Jul 2024 12:11
 Operator : MD/SY
 Sample : P3136-01DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 06 03:03:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 06 02:59:52 2024
 Response via : Initial Calibration

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

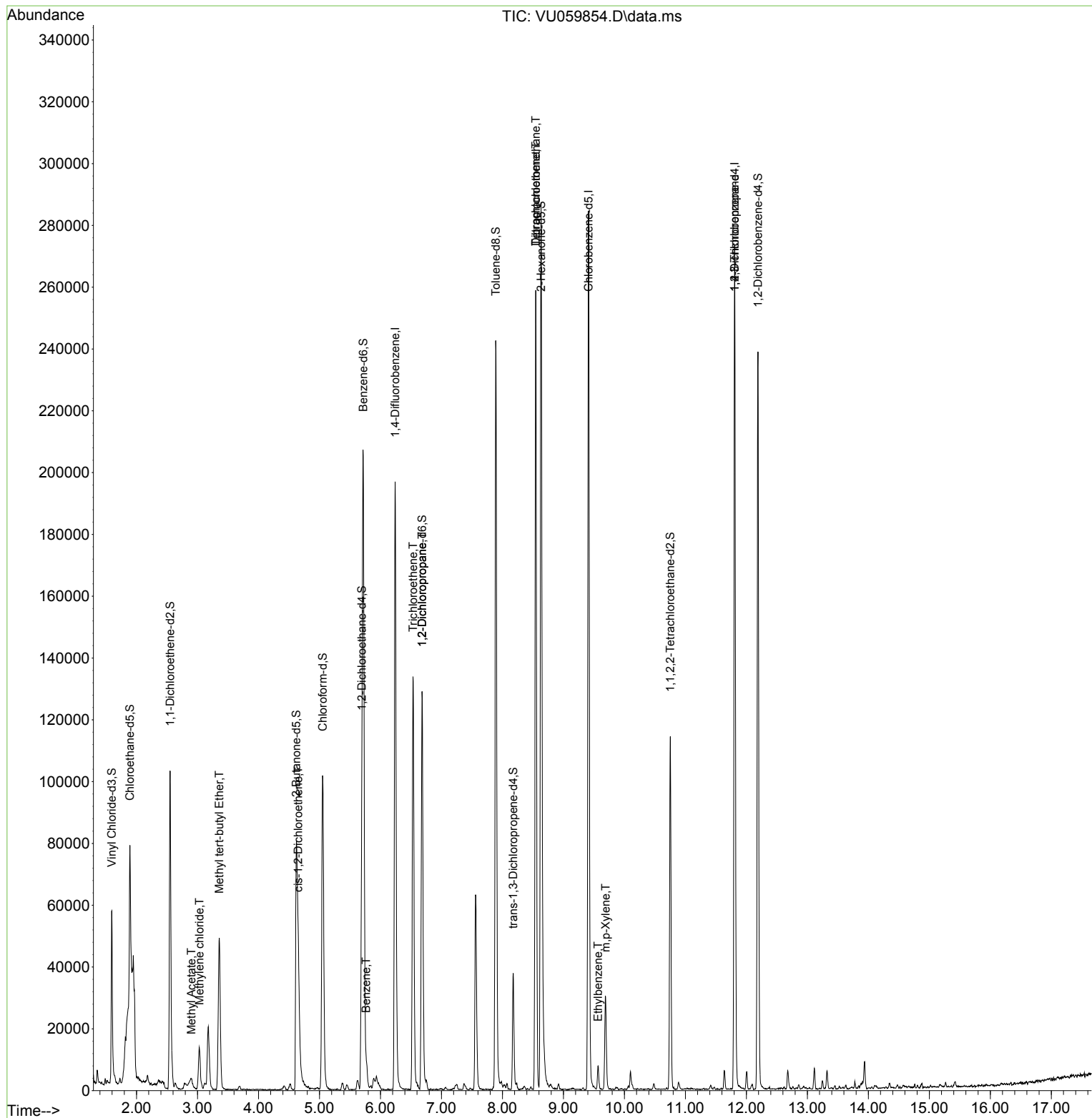
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	167005	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	169563	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	77873	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	46405	3.996	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.891	69	38714	3.465	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.200%
11) 1,1-Dichloroethene-d2	2.550	65	19065	3.957	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.621	46	127021	53.101	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.200%
24) Chloroform-d	5.052	84	101083	4.241	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.695	65	52165	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.718	84	203728	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.682	67	64886	4.538	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.891	98	171870	3.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.177	79	22307	4.982	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.634	63	110588	59.440	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.880%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	58970	4.991	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	67693	4.884	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						Qvalue
15) Methyl Acetate	2.901	43	1089	0.266	ug/L #	51
16) Methylene chloride	3.033	84	4046	0.288	ug/L	91
17) Methyl tert-butyl Ether	3.357	73	52825	2.070	ug/L	96
22) cis-1,2-Dichloroethene	4.653	96	9538	0.702	ug/L	93
33) Benzene	5.766	78	7409	0.144	ug/L	100
34) Trichloroethene	6.534	95	47440	3.402	ug/L	97
37) 1,2-Dichloropropane	6.682	63	6775	0.508	ug/L #	90
47) Tetrachloroethene	8.547	164	58529	5.409	ug/L	96
49) Dibromochloromethane	8.547	129	54435	5.004	ug/L #	12
52) Ethylbenzene	9.566	91	5532	0.099	ug/L	93
53) m,p-Xylene	9.692	106	8881	0.413	ug/L	98
61) 1,2,3-Trichloropropane	11.807	75	8889	1.235	ug/L #	71

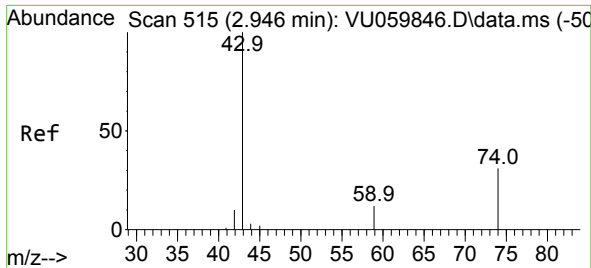
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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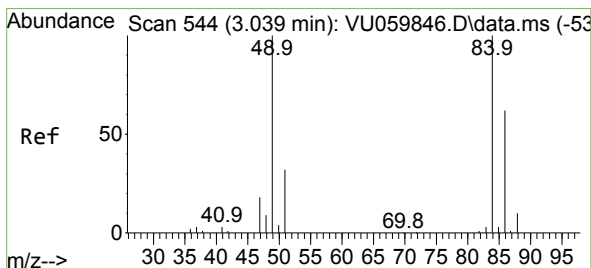
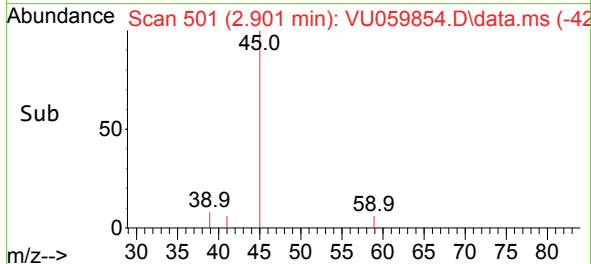
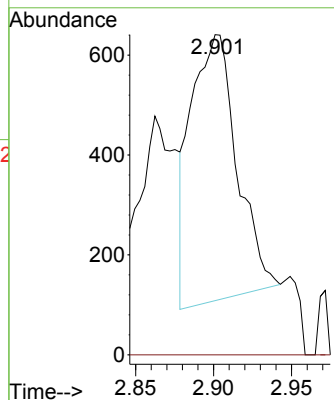
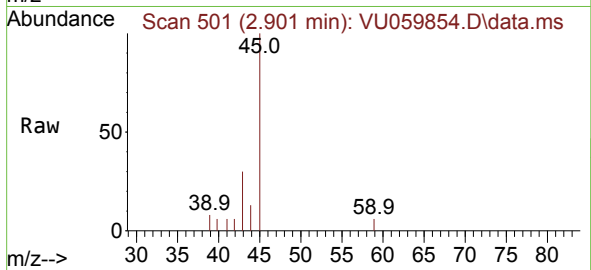




#15
Methyl Acetate
Concen: 0.266 ug/L
RT: 2.901 min Scan# 501
Delta R.T. -0.045 min
Lab File: VU059854.D
Acq: 05 Jul 2024 12:11

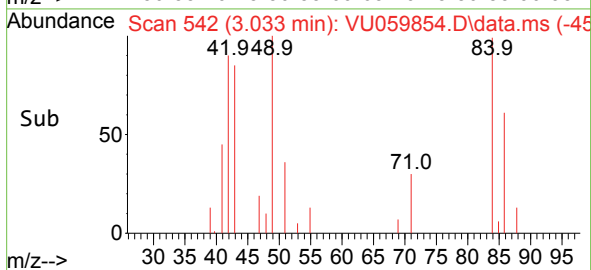
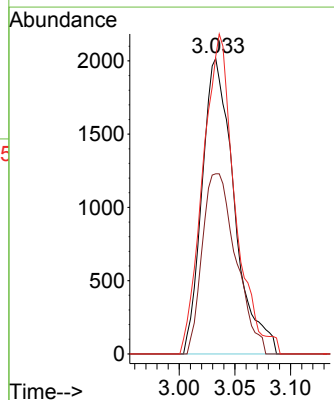
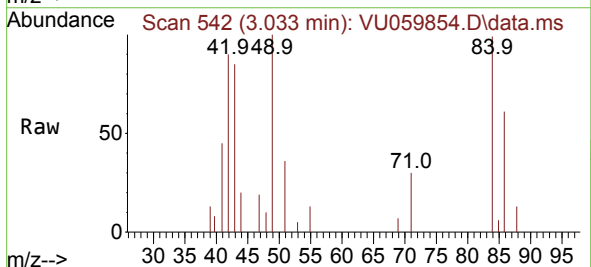
Instrument :
MSVOA_U
ClientSampleId :

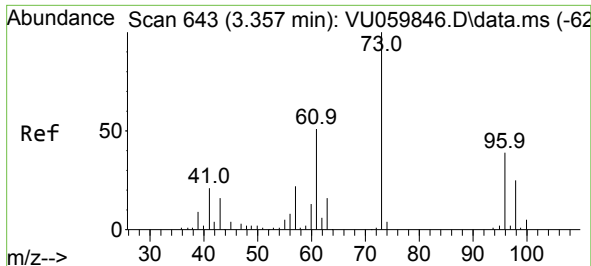
Tgt Ion: 43 Resp: 1089
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#16
Methylene chloride
Concen: 0.288 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.006 min
Lab File: VU059854.D
Acq: 05 Jul 2024 12:11

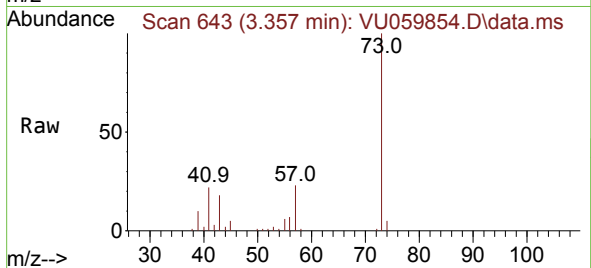
Tgt Ion: 84 Resp: 4046
Ion Ratio Lower Upper
84 100
86 60.9 42.1 78.1
49 100.6 80.6 149.8



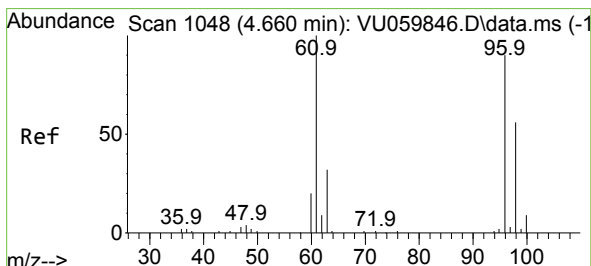
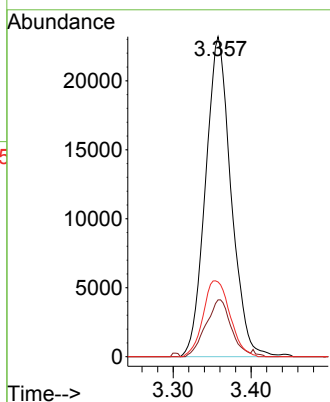
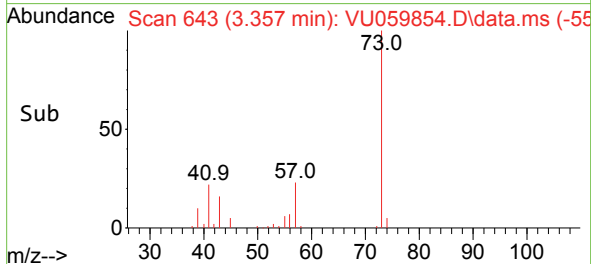


#17
Methyl tert-butyl Ether
Concen: 2.070 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU059854.D
Acq: 05 Jul 2024 12:11

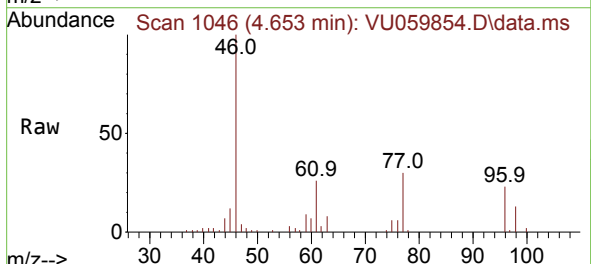
Instrument :
MSVOA_U
ClientSampleId :



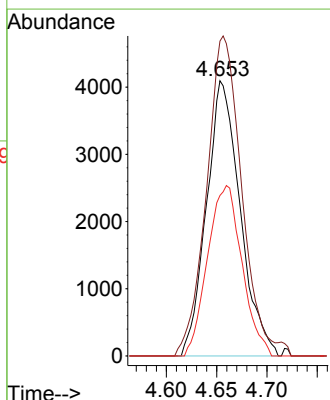
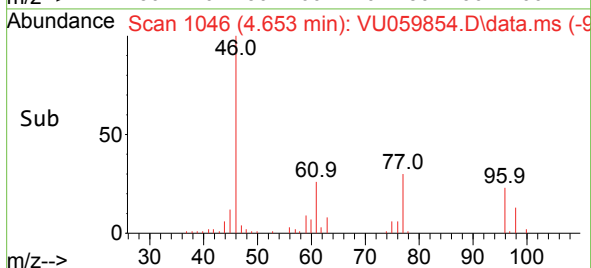
Tgt Ion: 73 Resp: 52825
Ion Ratio Lower Upper
73 100
43 17.6 14.9 22.3
57 25.0 18.0 27.0

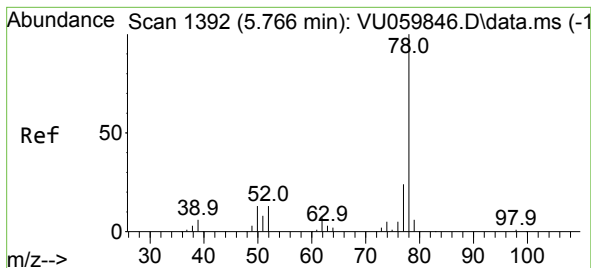


#22
cis-1,2-Dichloroethene
Concen: 0.702 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU059854.D
Acq: 05 Jul 2024 12:11



Tgt Ion: 96 Resp: 9538
Ion Ratio Lower Upper
96 100
61 114.4 87.4 162.2
98 58.3 42.3 78.5





#33

Benzene

Concen: 0.144 ug/L

RT: 5.766 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU059854.D

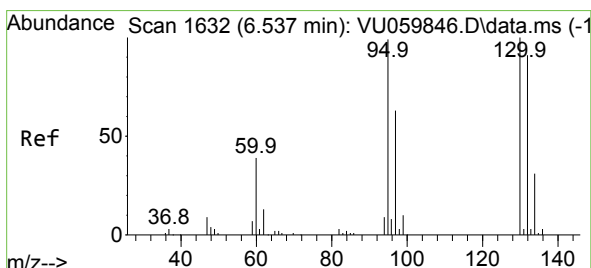
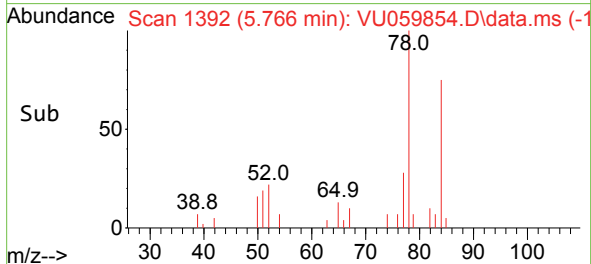
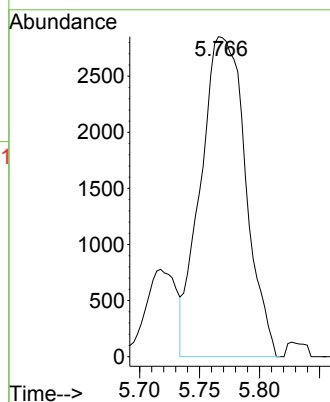
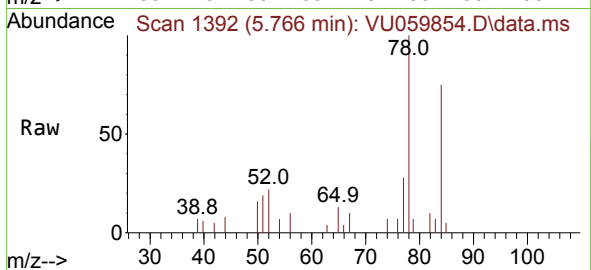
Acq: 05 Jul 2024 12:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 7409



#34

Trichloroethene

Concen: 3.402 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.003 min

Lab File: VU059854.D

Acq: 05 Jul 2024 12:11

Tgt Ion: 95 Resp: 47440

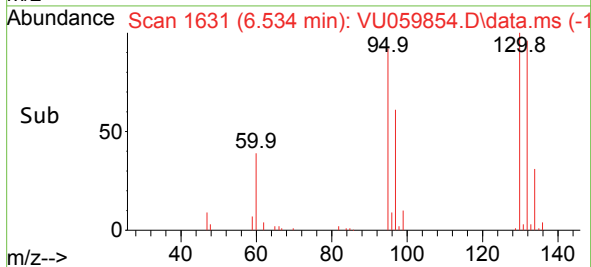
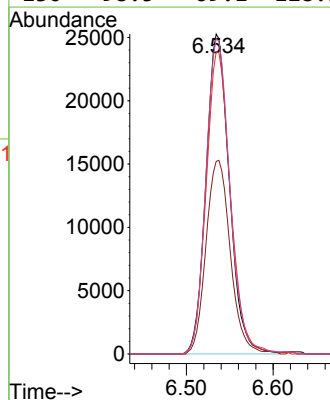
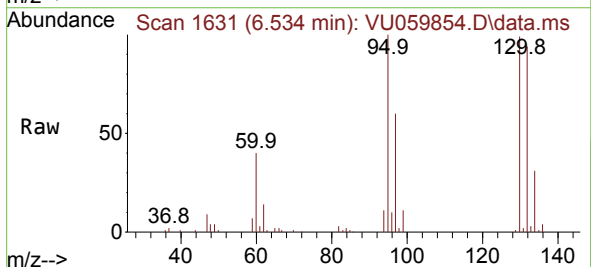
Ion Ratio Lower Upper

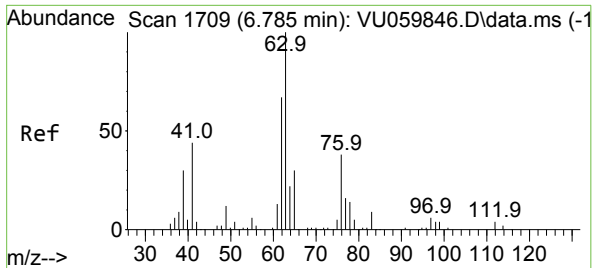
95 100

97 60.2 45.3 84.1

132 94.5 64.0 119.0

130 98.5 69.1 128.3

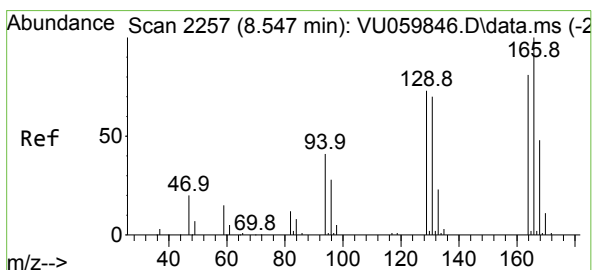
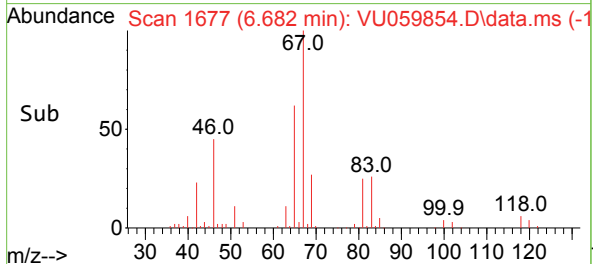
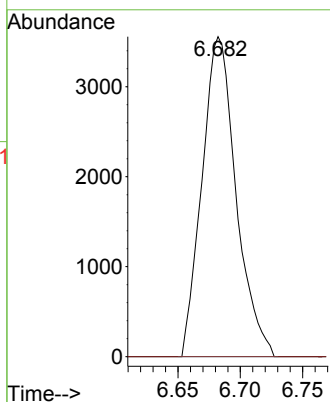
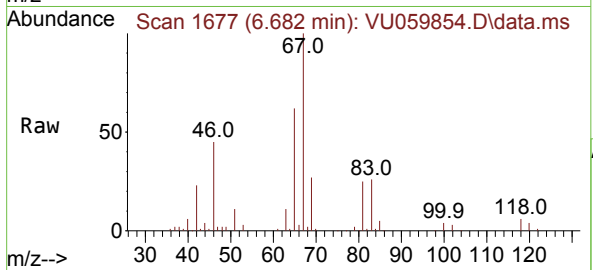




#37
1,2-Dichloropropane
Concen: 0.508 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU059854.D
Acq: 05 Jul 2024 12:11

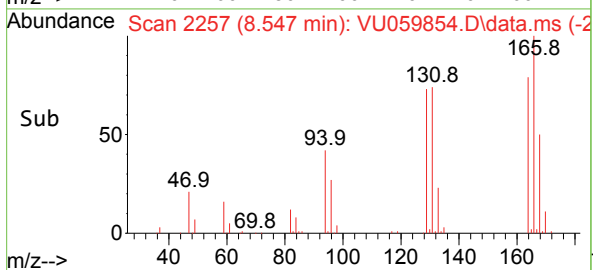
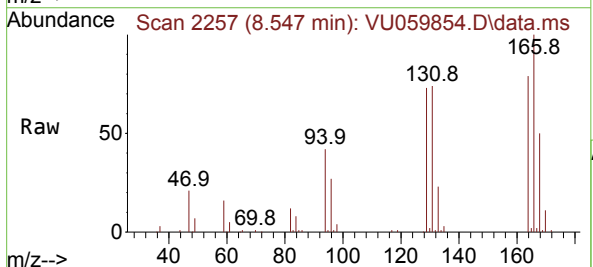
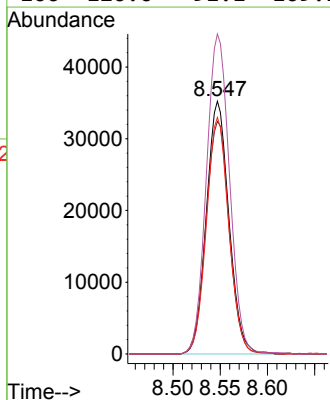
Instrument :
MSVOA_U
ClientSampleId :

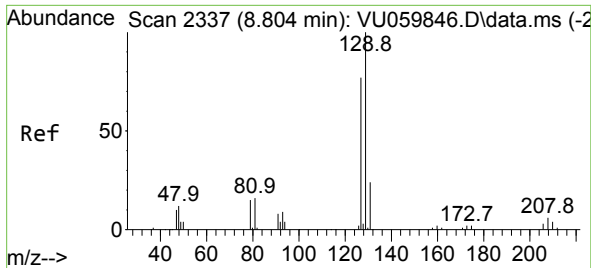
Tgt Ion: 63 Resp: 6775
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#47
Tetrachloroethene
Concen: 5.409 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059854.D
Acq: 05 Jul 2024 12:11

Tgt Ion: 164 Resp: 58529
Ion Ratio Lower Upper
164 100
129 92.0 70.8 131.4
131 93.6 64.8 120.3
166 126.6 91.1 169.1

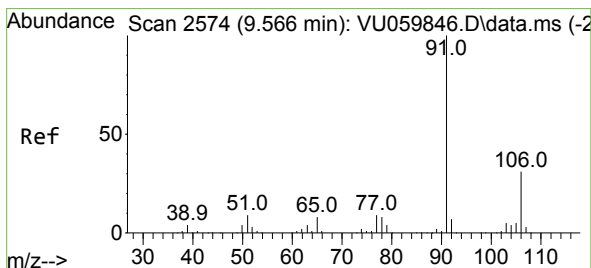
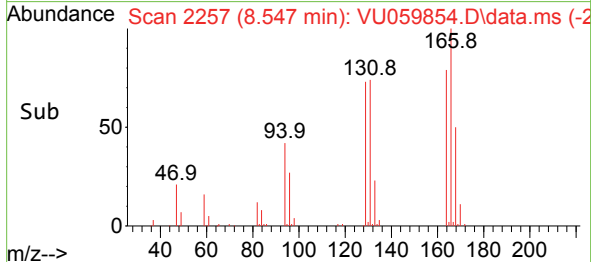
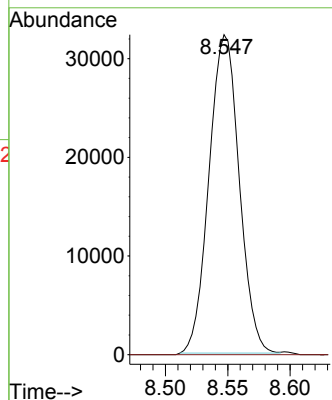
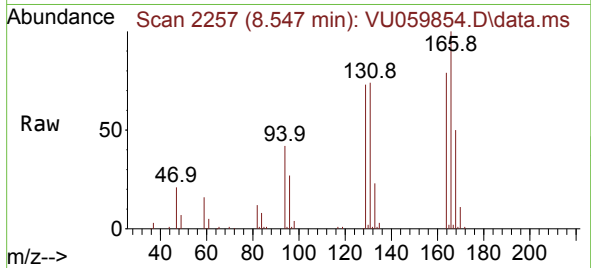




#49
Dibromochloromethane
Concen: 5.004 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU059854.D
Acq: 05 Jul 2024 12:11

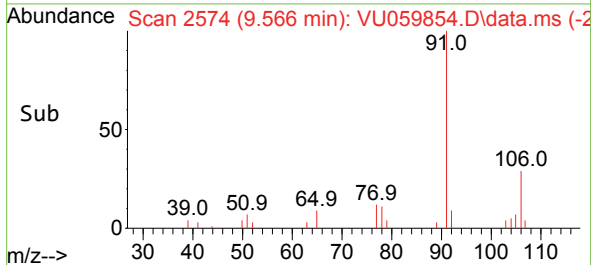
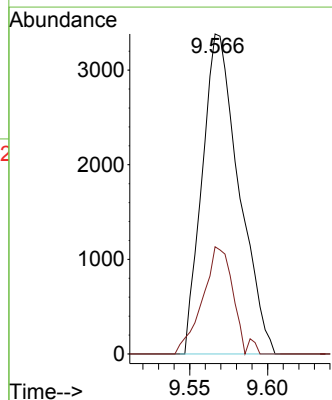
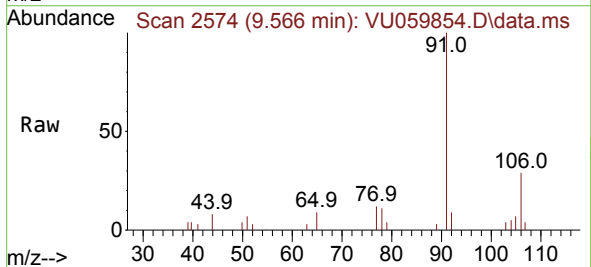
Instrument :
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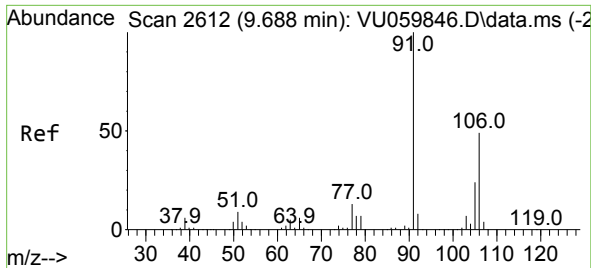
Tgt Ion:129 Resp: 54435
Ion Ratio Lower Upper
129 100
127 0.4 52.5 97.5#



#52
Ethylbenzene
Concen: 0.099 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU059854.D
Acq: 05 Jul 2024 12:11

Tgt Ion: 91 Resp: 5532
Ion Ratio Lower Upper
91 100
106 33.5 20.9 38.7

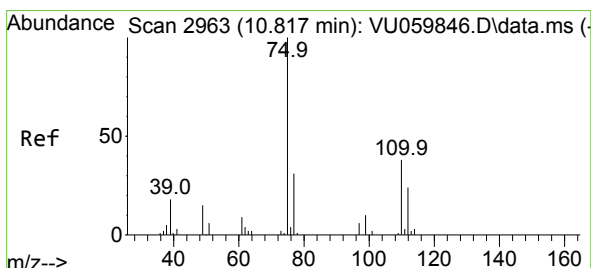
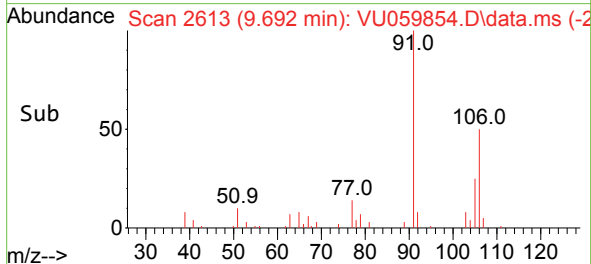
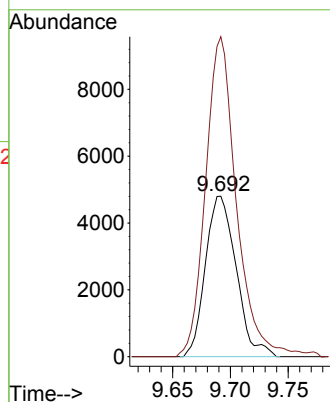
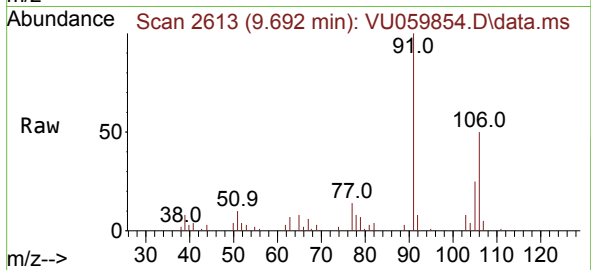




#53
m,p-Xylene
Concen: 0.413 ug/L
RT: 9.692 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU059854.D
Acq: 05 Jul 2024 12:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 8881
Ion Ratio Lower Upper
106 100
91 199.3 142.0 263.8



#61
1,2,3-Trichloropropane
Concen: 1.235 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU059854.D
Acq: 05 Jul 2024 12:11

Tgt Ion: 75 Resp: 8889
Ion Ratio Lower Upper
75 100
110 1.7 27.1 40.7#
77 31.4 25.4 38.2

