

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072424\
 Data File : VU060152.D
 Acq On : 24 Jul 2024 14:39
 Operator : MD/SY
 Sample : P3280-07DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 25 05:13:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 25 05:11:47 2024
 Response via : Initial Calibration

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

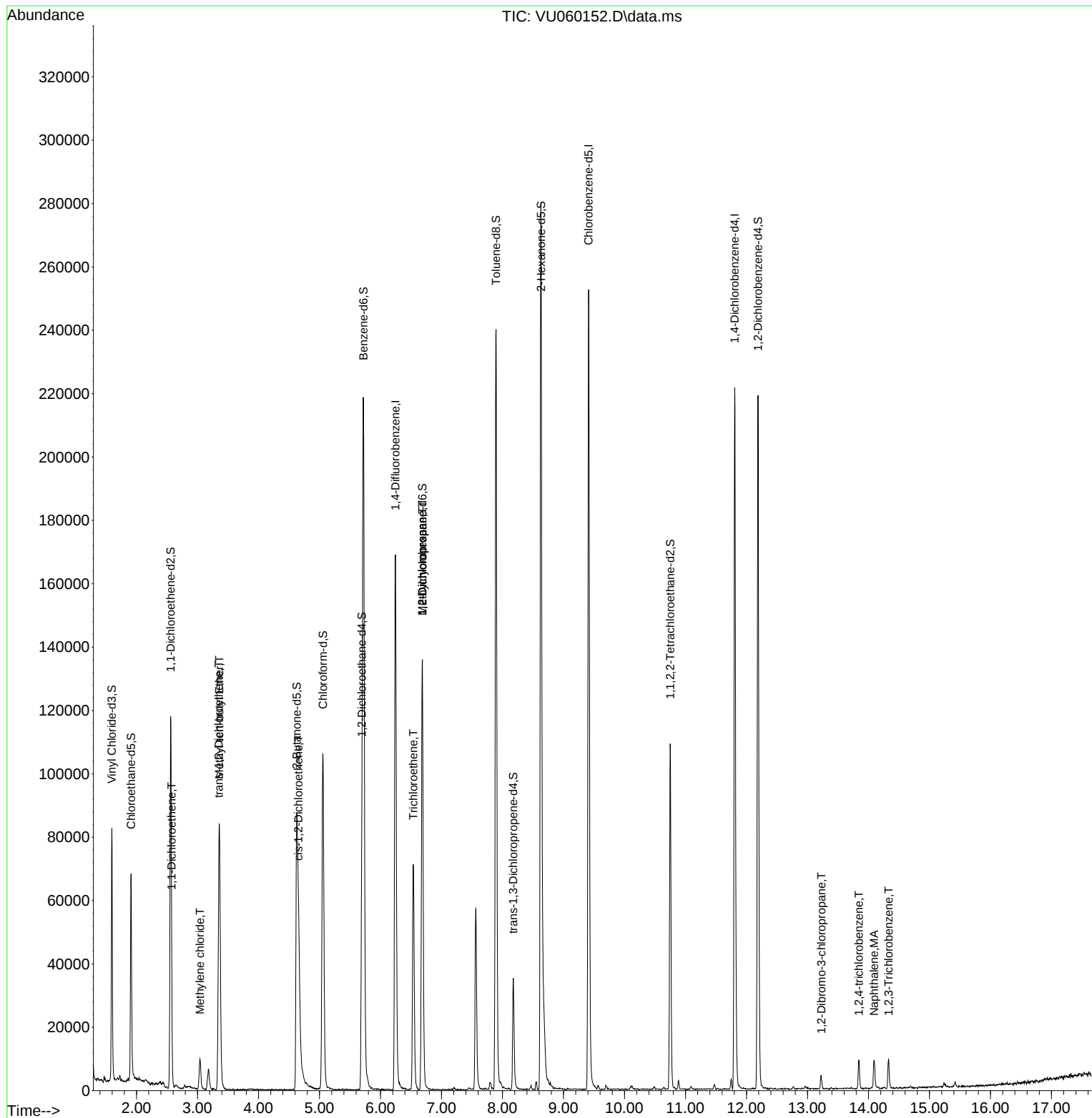
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	145402	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	150223	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	56595	5.594	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.800%
7) Chloroethane-d5	1.911	69	48715	5.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.560	65	21808	5.521	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.400%
20) 2-Butanone-d5	4.628	46	137220	58.016	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.040%
24) Chloroform-d	5.055	84	103895	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.695	65	52911	5.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.721	84	211562	5.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
36) 1,2-Dichloropropane-d6	6.685	67	70951	5.532	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.600%
41) Toluene-d8	7.894	98	170243	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.177	79	21701	4.971	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.631	63	100477	51.864	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.720%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	57846	5.068	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	61017	5.446	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	2719	0.245	ug/L #	1
16) Methylene chloride	3.039	84	5302	0.390	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	91041	3.597	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	1624	0.141	ug/L	93
22) cis-1,2-Dichloroethene	4.657	96	10845	0.839	ug/L	94
34) Trichloroethene	6.537	95	25763	1.957	ug/L	96
35) Methylcyclohexane	6.685	83	15775	0.914	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	6892	0.514	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	13.229	75	296	0.232	ug/L #	1
70) 1,2,4-trichlorobenzene	13.843	180	3481	0.277	ug/L	98
71) Naphthalene	14.090	128	9732	0.547	ug/L #	91
72) 1,2,3-Trichlorobenzene	14.331	180	3308	0.293	ug/L	84

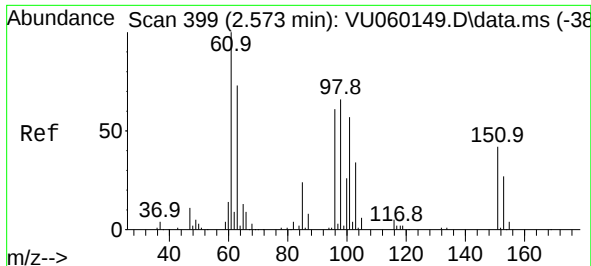
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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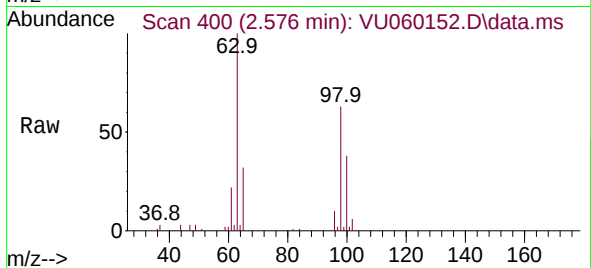
Quant Time: Jul 25 05:13:22 2024
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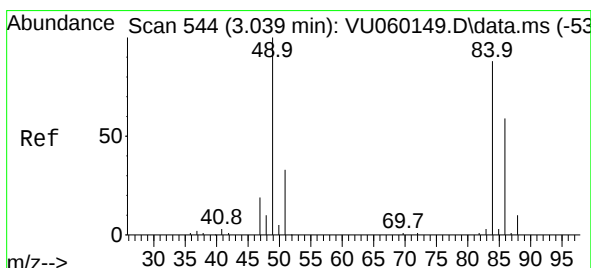
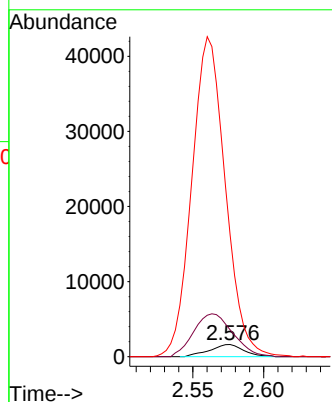
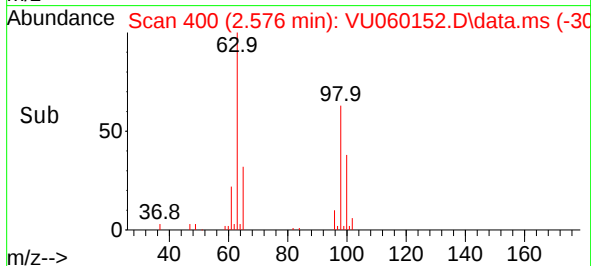


#12
1,1-Dichloroethene
Concen: 0.245 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060152.D
Acq: 24 Jul 2024 14:39

Instrument :
MSVOA_U
ClientSampleId :

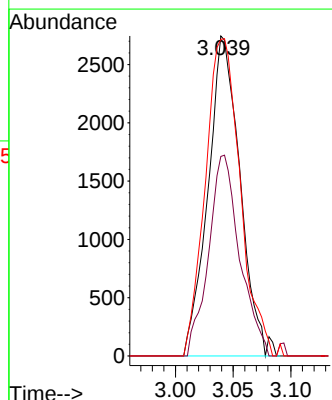
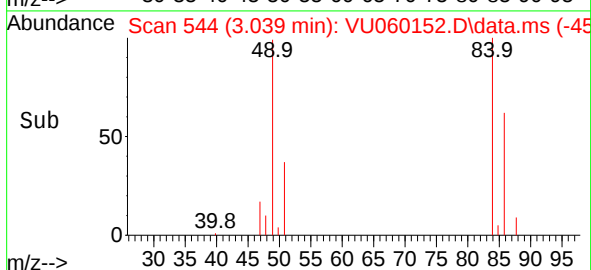
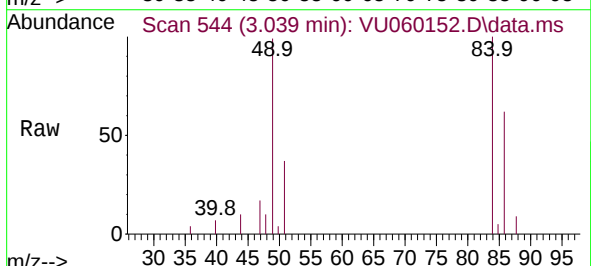


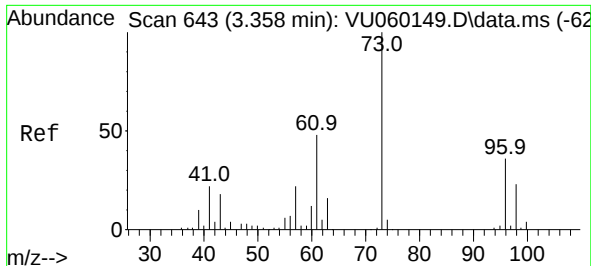
Tgt Ion: 96 Resp: 2719
Ion Ratio Lower Upper
96 100
61 220.4 107.0 198.6#
63 999.9 76.4 142.0#



#16
Methylene chloride
Concen: 0.390 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060152.D
Acq: 24 Jul 2024 14:39

Tgt Ion: 84 Resp: 5302
Ion Ratio Lower Upper
84 100
86 62.4 44.4 82.5
49 102.6 72.0 133.6

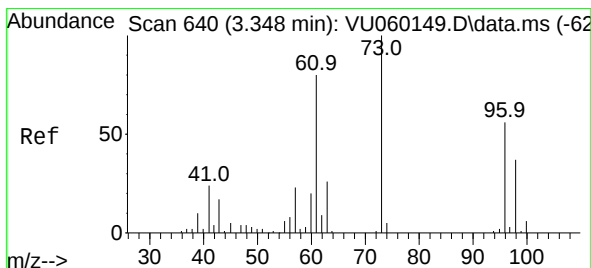
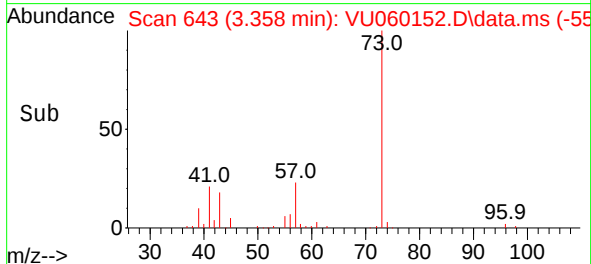
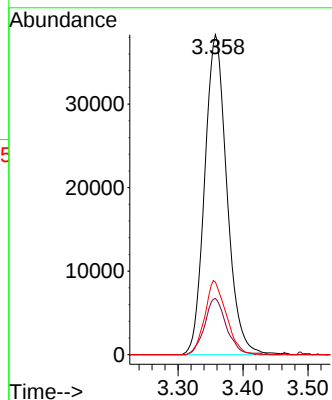
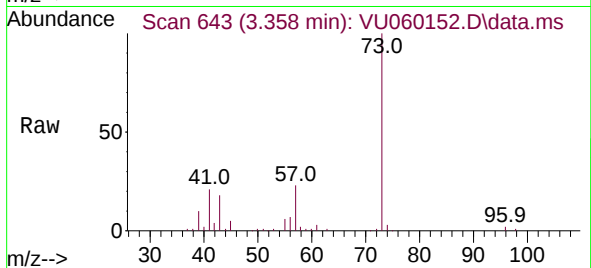




#17
Methyl tert-butyl Ether
Concen: 3.597 ug/L
RT: 3.358 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU060152.D
Acq: 24 Jul 2024 14:39

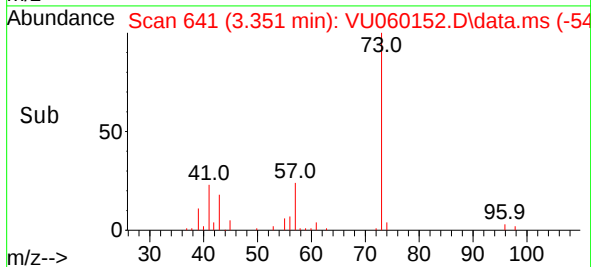
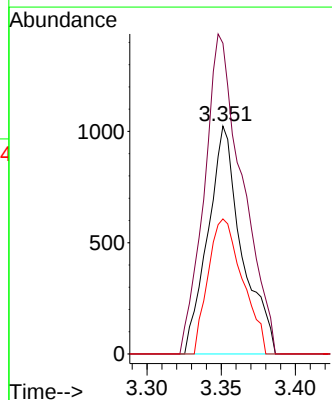
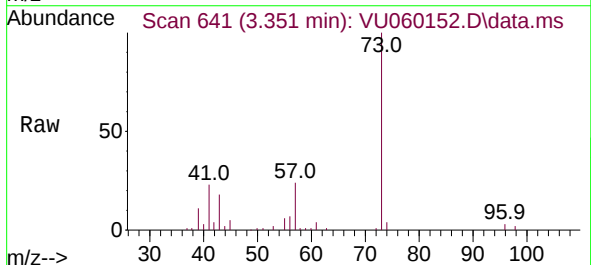
Instrument :
MSVOA_U
ClientSampleId :

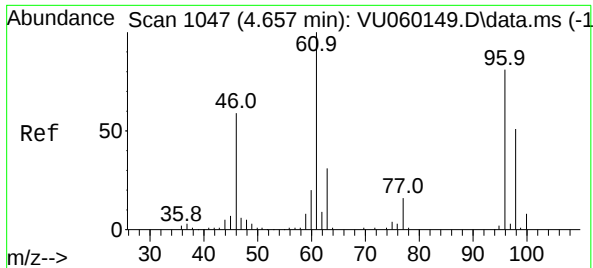
Tgt Ion: 73 Resp: 91041
Ion Ratio Lower Upper
73 100
43 17.4 13.1 19.7
57 22.3 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 0.141 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU060152.D
Acq: 24 Jul 2024 14:39

Tgt Ion: 96 Resp: 1624
Ion Ratio Lower Upper
96 100
61 136.3 91.6 170.0
98 59.3 47.7 88.5

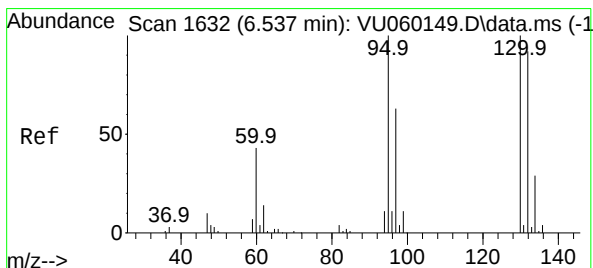
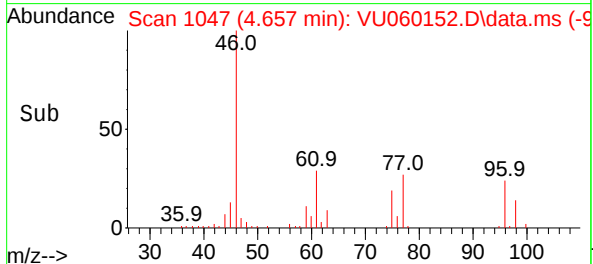
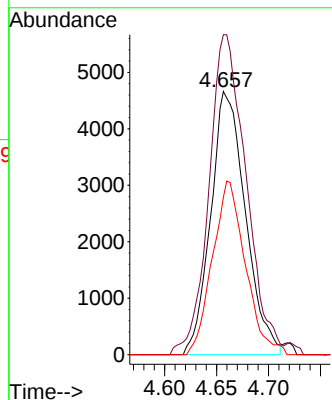
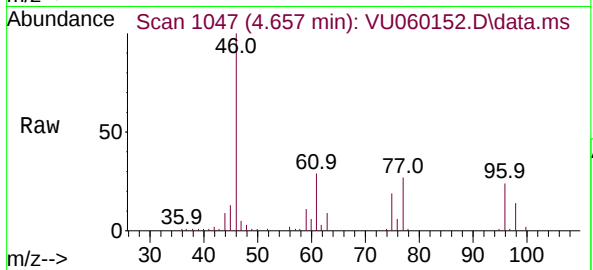




#22
cis-1,2-Dichloroethene
Concen: 0.839 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU060152.D
Acq: 24 Jul 2024 14:39

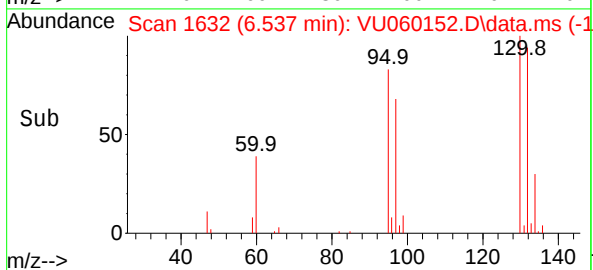
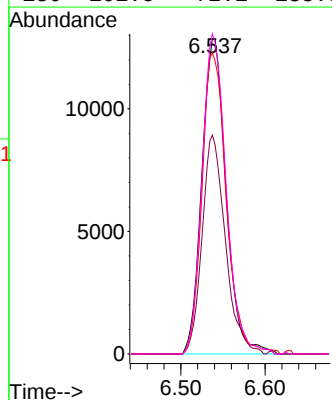
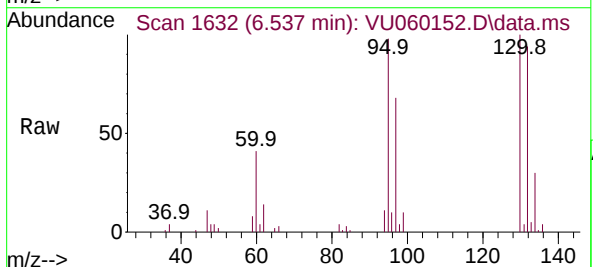
Instrument :
MSVOA_U
ClientSampleId :

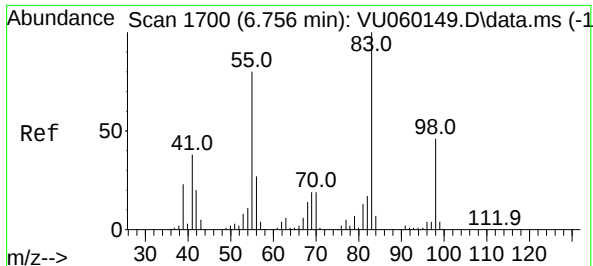
Tgt Ion: 96 Resp: 10845
Ion Ratio Lower Upper
96 100
61 121.6 80.2 148.9
98 59.9 44.7 83.1



#34
Trichloroethene
Concen: 1.957 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU060152.D
Acq: 24 Jul 2024 14:39

Tgt Ion: 95 Resp: 25763
Ion Ratio Lower Upper
95 100
97 69.4 45.9 85.3
132 95.7 71.4 132.6
130 101.5 72.1 133.9

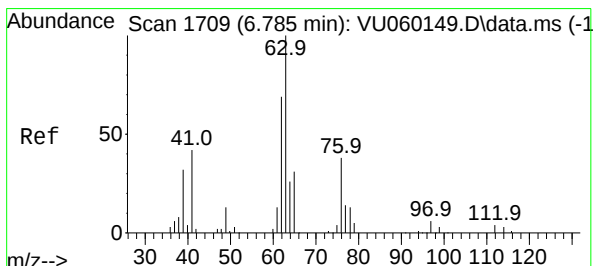
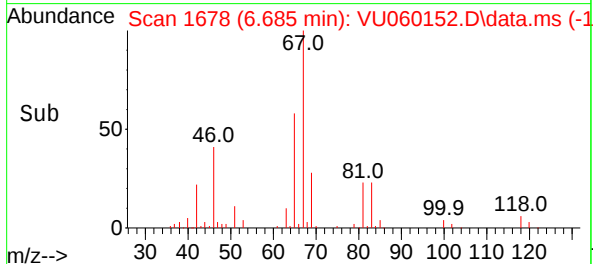
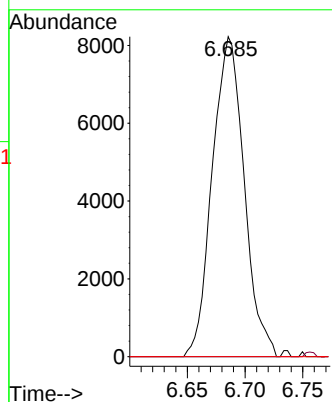
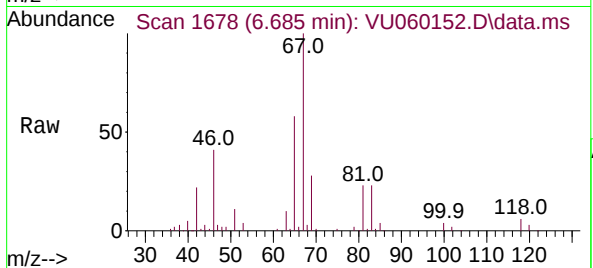




#35
Methylcyclohexane
Concen: 0.914 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU060152.D
Acq: 24 Jul 2024 14:39

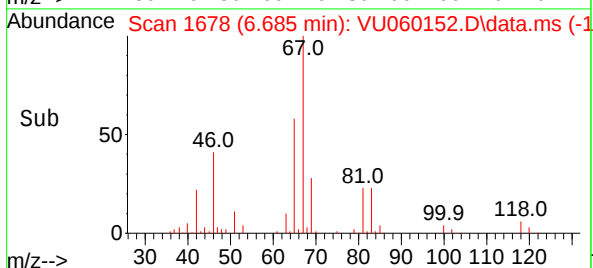
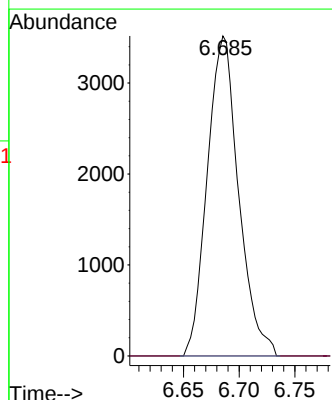
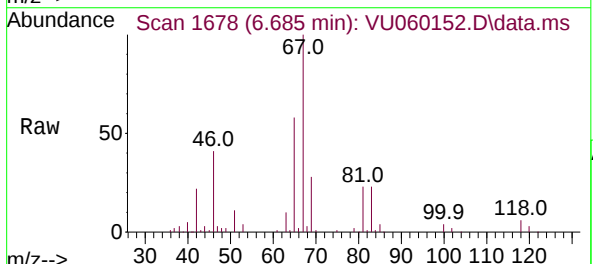
Instrument :
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ClientSampleId :

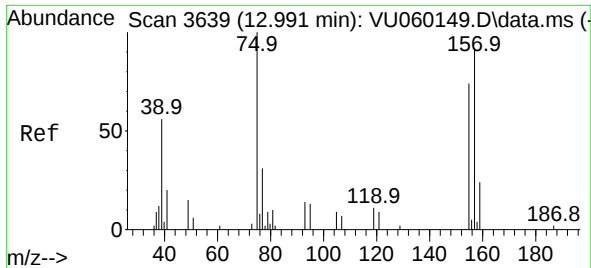
Tgt Ion: 83 Resp: 15775
Ion Ratio Lower Upper
83 100
55 0.4 56.7 85.1#
98 0.3 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.514 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU060152.D
Acq: 24 Jul 2024 14:39

Tgt Ion: 63 Resp: 6892
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.232 ug/L

RT: 13.229 min Scan# 3713

Delta R.T. 0.238 min

Lab File: VU060152.D

Acq: 24 Jul 2024 14:39

Instrument :

MSVOA_U

ClientSampleId :

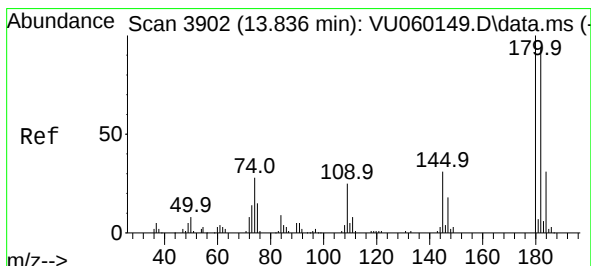
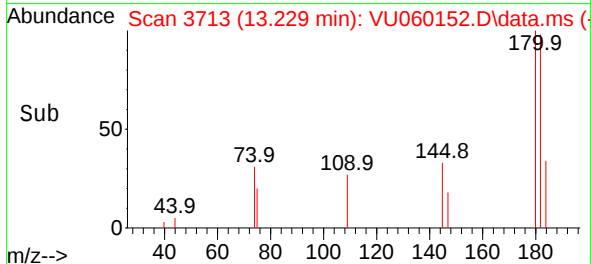
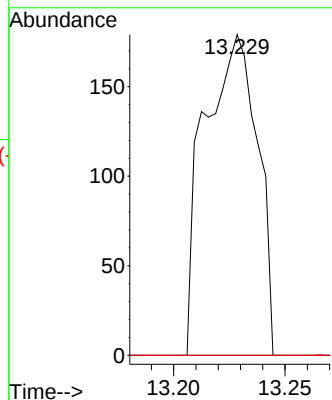
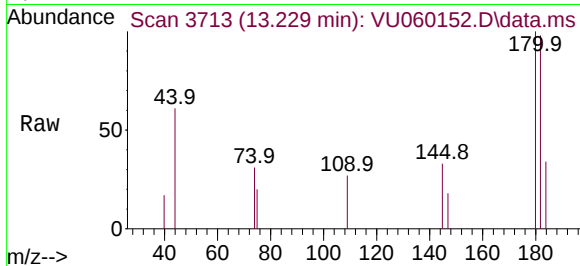
Tgt Ion: 75 Resp: 296

Ion Ratio Lower Upper

75 100

155 0.0 70.6 105.8#

157 0.0 99.4 149.2#



#70

1,2,4-trichlorobenzene

Concen: 0.277 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.006 min

Lab File: VU060152.D

Acq: 24 Jul 2024 14:39

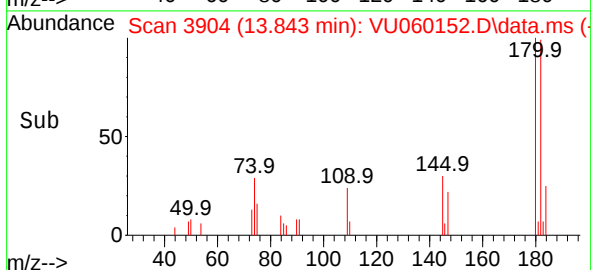
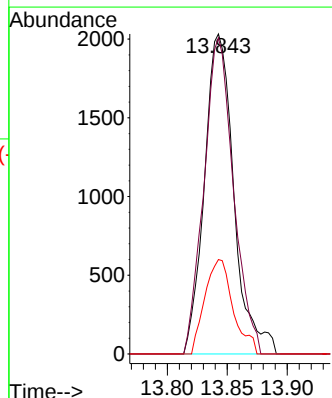
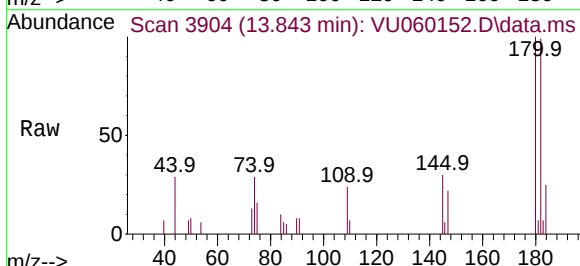
Tgt Ion:180 Resp: 3481

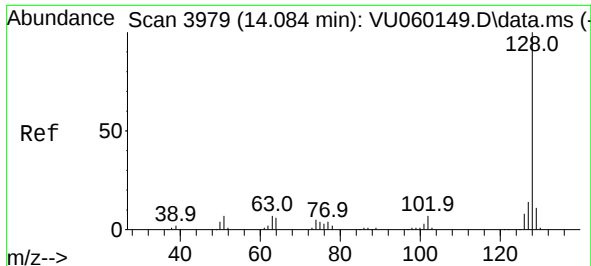
Ion Ratio Lower Upper

180 100

182 98.5 77.2 115.8

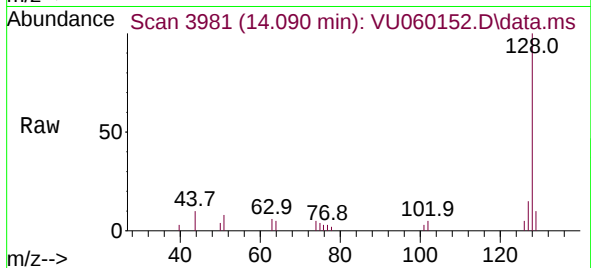
145 28.2 23.0 34.4



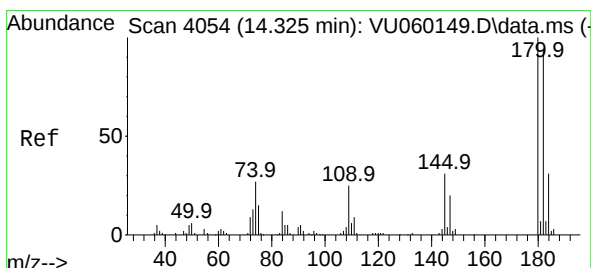
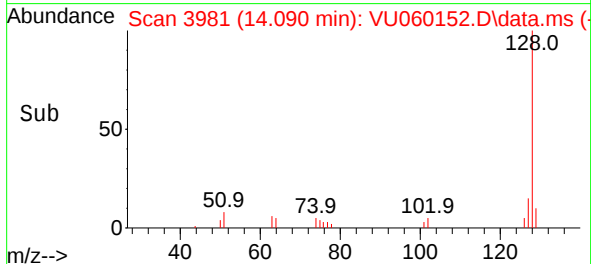
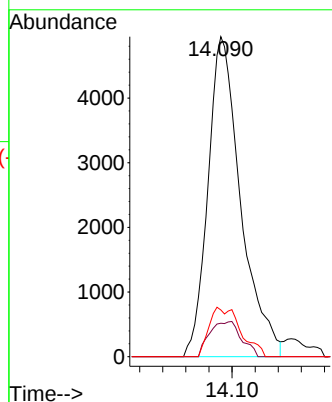


#71
Naphthalene
Concen: 0.547 ug/L
RT: 14.090 min Scan# 3979
Delta R.T. 0.006 min
Lab File: VU060152.D
Acq: 24 Jul 2024 14:39

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 9732
Ion Ratio Lower Upper
128 100
129 10.7 8.2 12.4
127 7.5 10.6 16.0#



#72
1,2,3-Trichlorobenzene
Concen: 0.293 ug/L
RT: 14.331 min Scan# 4056
Delta R.T. 0.006 min
Lab File: VU060152.D
Acq: 24 Jul 2024 14:39

Tgt Ion:180 Resp: 3308
Ion Ratio Lower Upper
180 100
182 113.8 76.3 114.5
145 34.5 23.9 35.9

