

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080924\
 Data File : VU060380.D
 Acq On : 09 Aug 2024 16:42
 Operator : MD/SY
 Sample : P3401-07DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 10 04:56:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 10 04:43:24 2024
 Response via : Initial Calibration

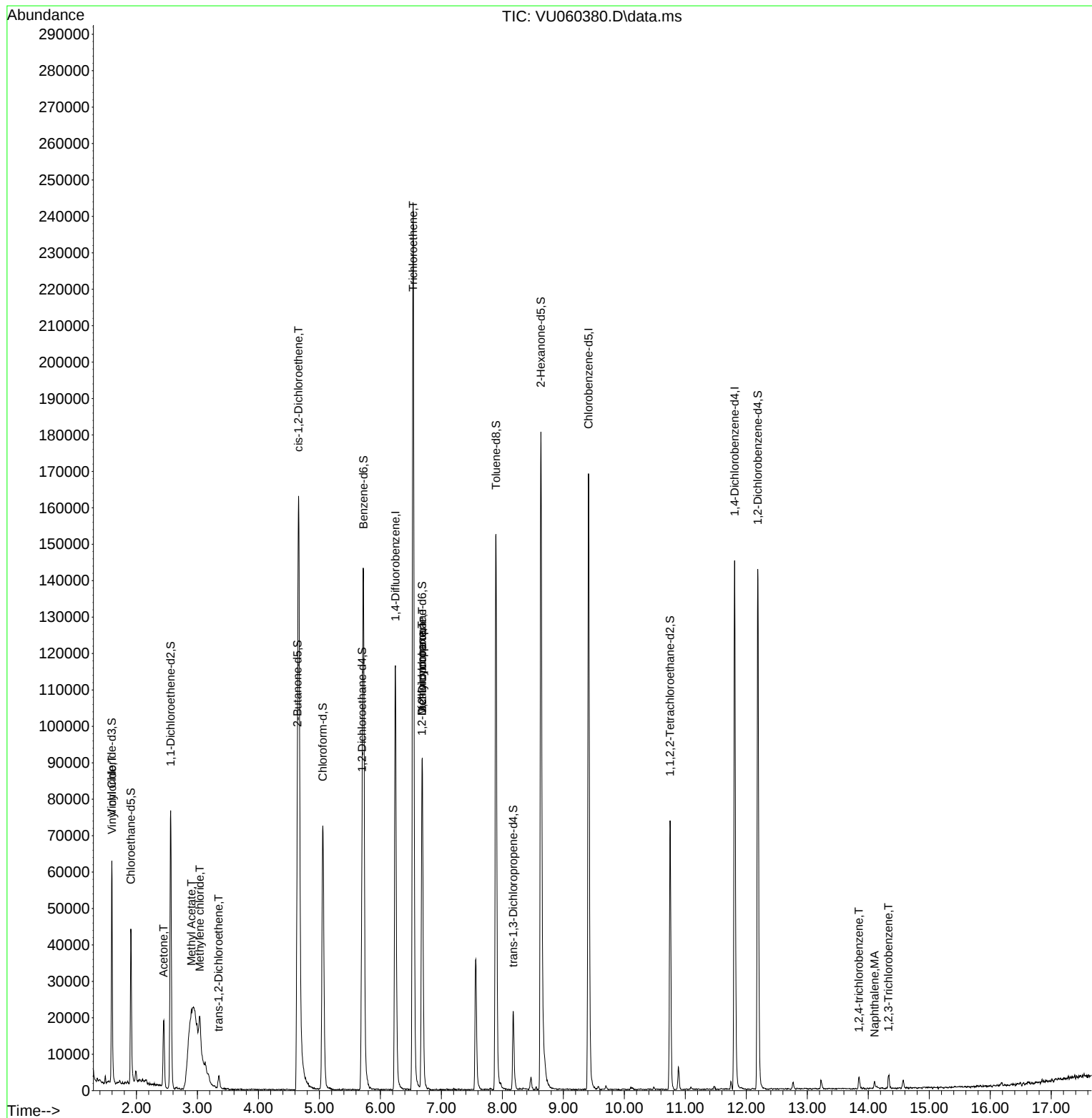
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

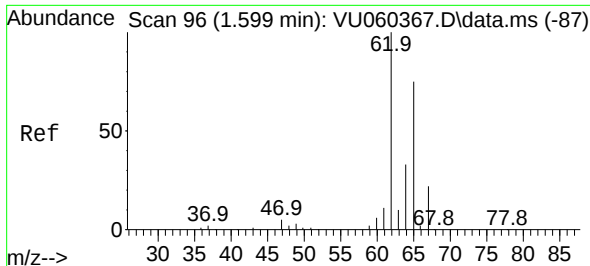
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	100847	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	102947	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	43484	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32417	4.095	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.908	69	32194	4.510	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.560	65	13922	4.132	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.637	46	93538	55.678	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.360%
24) Chloroform-d	5.055	84	74327	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.698	65	36599	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.721	84	140979	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.685	67	49306	5.120	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.894	98	110084	3.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.177	79	14446	4.640	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.631	63	70143	50.768	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.540%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	39556	5.006	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	41045	5.124	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	5357	0.676	ug/L	84
13) Acetone	2.444	43	11989	10.451	ug/L	37
15) Methyl Acetate	2.898	43	518	0.218	ug/L #	48
16) Methylene chloride	3.036	84	4103	0.434	ug/L	95
18) trans-1,2-Dichloroethene	3.348	96	1507	0.231	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	76266	9.685	ug/L	92
34) Trichloroethene	6.534	95	87564	11.286	ug/L	98
35) Methylcyclohexane	6.682	83	10962	1.082	ug/L #	22
37) 1,2-Dichloropropane	6.679	63	4633	0.574	ug/L #	88
70) 1,2,4-trichlorobenzene	13.846	180	1748	0.220	ug/L #	96
71) Naphthalene	14.103	128	3025	0.268	ug/L #	85
72) 1,2,3-Trichlorobenzene	14.328	180	1470	0.207	ug/L #	72

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

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Misc : 25.0mL/MSVOA_U/WATER
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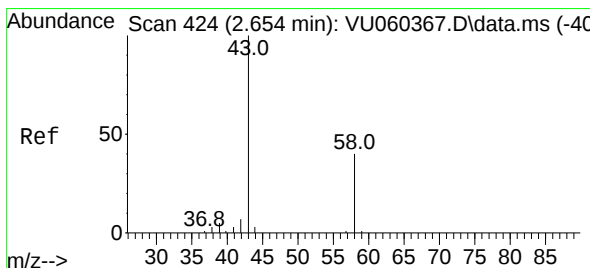
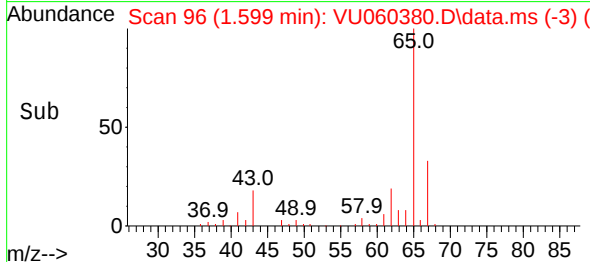
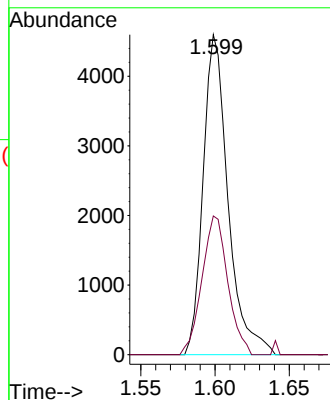
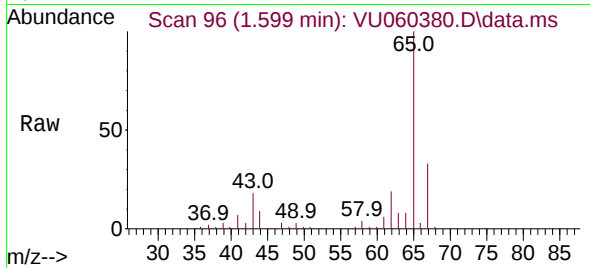
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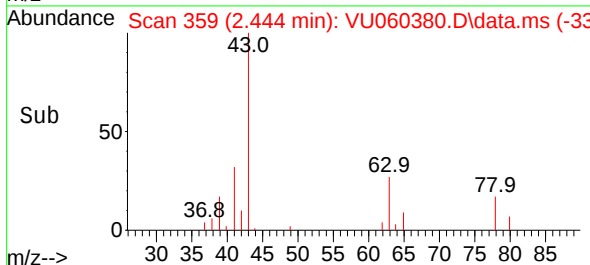
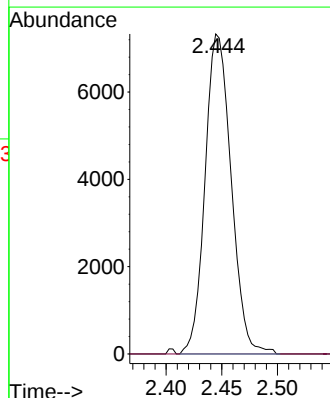
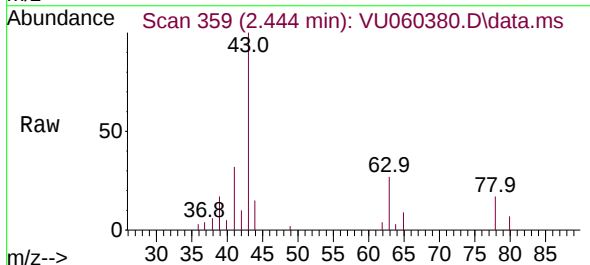
#5
Vinyl chloride
Concen: 0.676 ug/L
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU060380.D
Acq: 09 Aug 2024 16:42

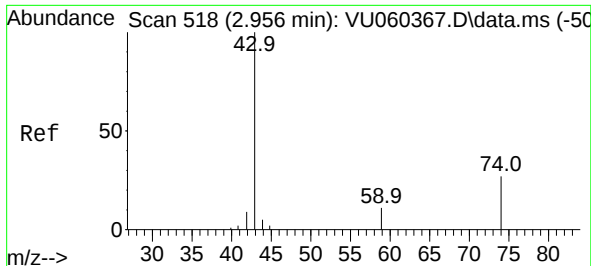
Tgt Ion: 62 Resp: 5357
Ion Ratio Lower Upper
62 100
64 43.4 24.1 44.7



#13
Acetone
Concen: 10.451 ug/L
RT: 2.444 min Scan# 359
Delta R.T. -0.209 min
Lab File: VU060380.D
Acq: 09 Aug 2024 16:42

Tgt Ion: 43 Resp: 11989
Ion Ratio Lower Upper
43 100
58 0.5 0.0 78.8





#15

Methyl Acetate

Concen: 0.218 ug/L

RT: 2.898 min Scan# 500

Delta R.T. -0.058 min

Lab File: VU060380.D

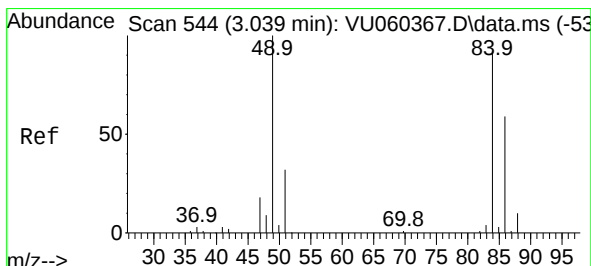
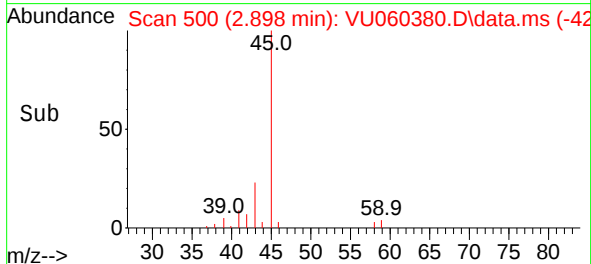
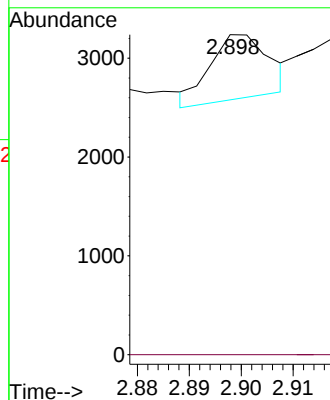
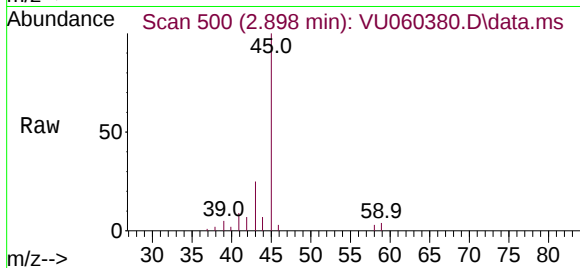
Acq: 09 Aug 2024 16:42

Tgt Ion: 43 Resp: 518

Ion Ratio Lower Upper

43 100

74 0.0 21.3 31.9#



#16

Methylene chloride

Concen: 0.434 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU060380.D

Acq: 09 Aug 2024 16:42

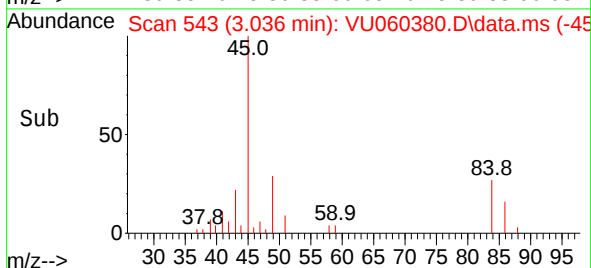
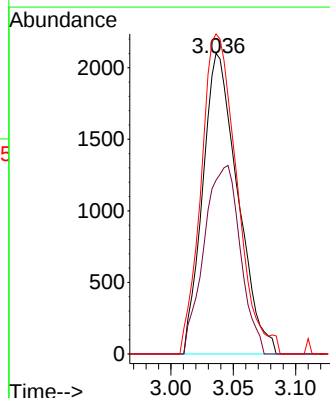
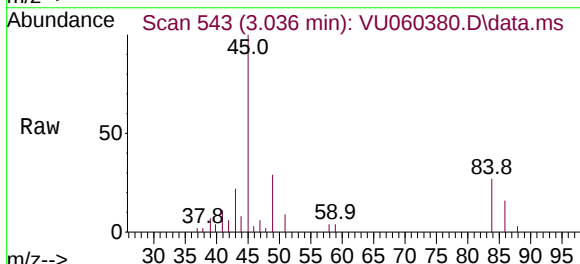
Tgt Ion: 84 Resp: 4103

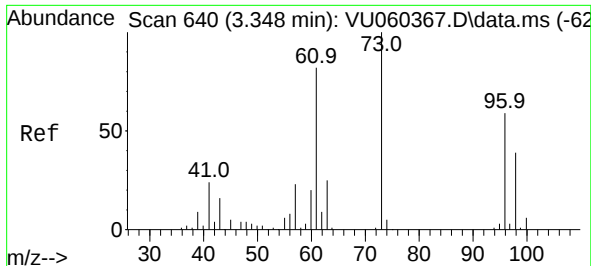
Ion Ratio Lower Upper

84 100

86 57.8 47.1 87.5

49 106.4 73.9 137.3

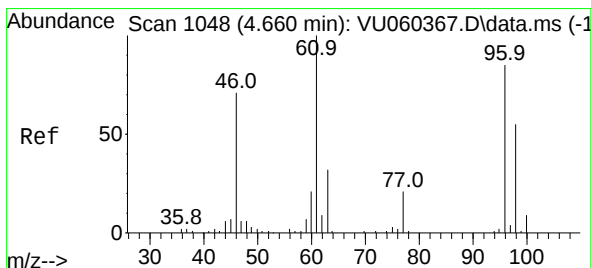
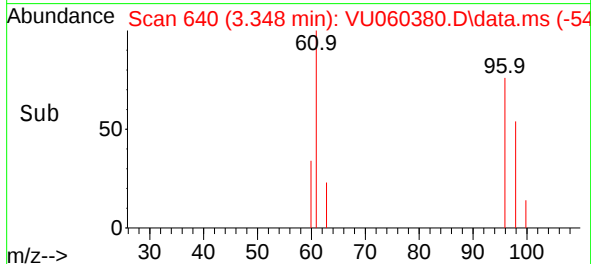
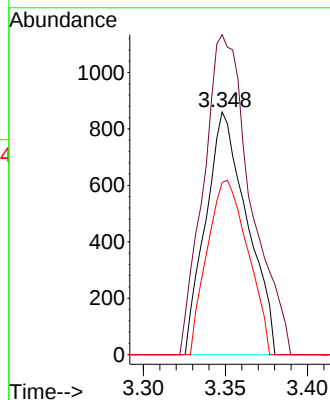
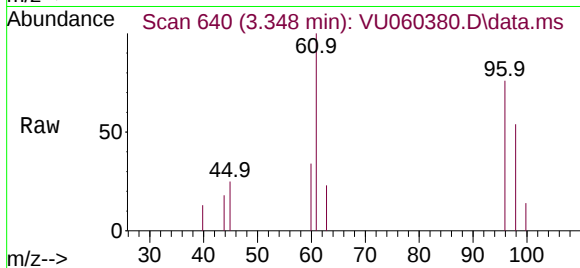




#18

trans-1,2-Dichloroethene
Concen: 0.231 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060380.D
Acq: 09 Aug 2024 16:42

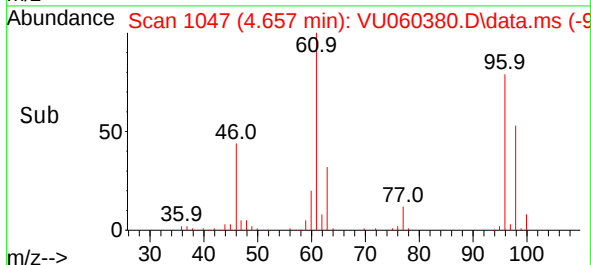
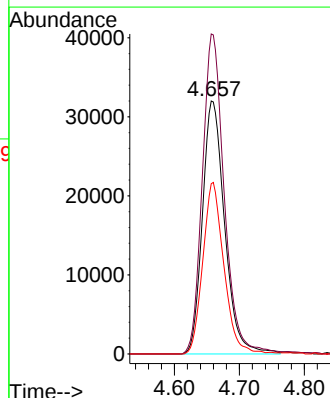
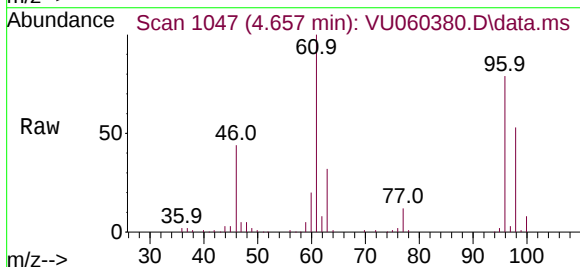
Tgt Ion: 96 Resp: 1507
Ion Ratio Lower Upper
96 100
61 131.9 93.7 174.1
98 70.9 44.7 82.9

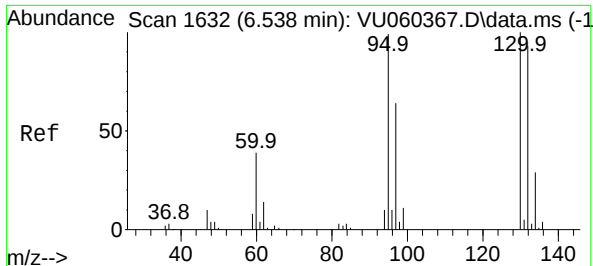


#22

cis-1,2-Dichloroethene
Concen: 9.685 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060380.D
Acq: 09 Aug 2024 16:42

Tgt Ion: 96 Resp: 76266
Ion Ratio Lower Upper
96 100
61 126.5 81.5 151.5
98 67.3 43.5 80.7





#34

Trichloroethene

Concen: 11.286 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.003 min

Lab File: VU060380.D

Acq: 09 Aug 2024 16:42

Tgt Ion: 95 Resp: 87564

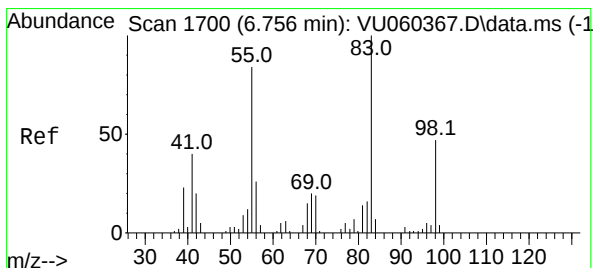
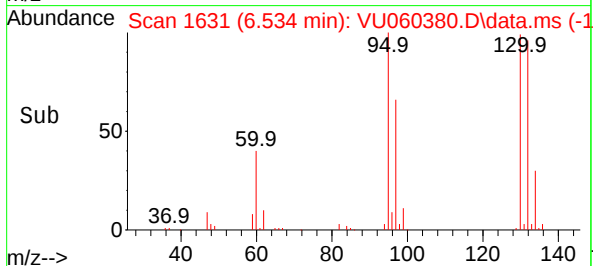
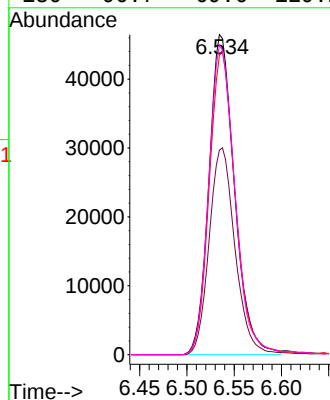
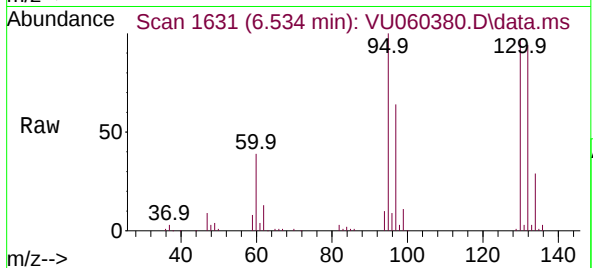
Ion Ratio Lower Upper

95 100

97 63.9 43.6 81.0

132 93.5 67.1 124.5

130 96.7 69.6 129.2



#35

Methylcyclohexane

Concen: 1.082 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU060380.D

Acq: 09 Aug 2024 16:42

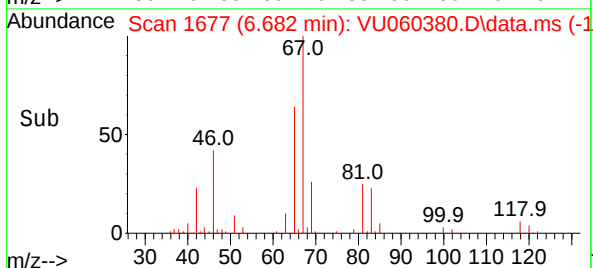
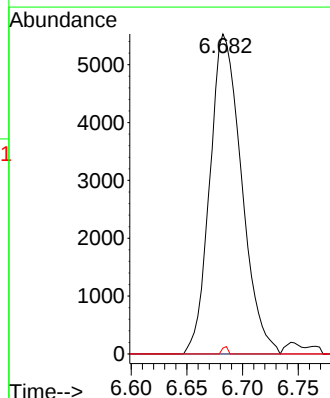
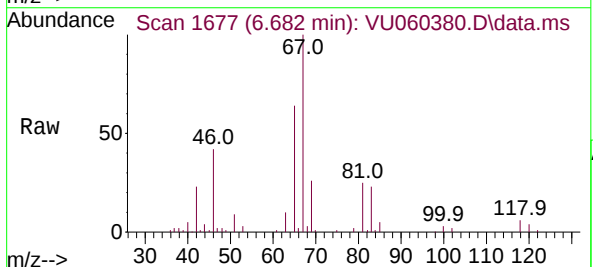
Tgt Ion: 83 Resp: 10962

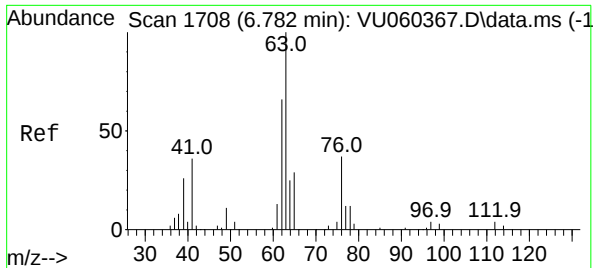
Ion Ratio Lower Upper

83 100

55 0.0 62.4 93.6#

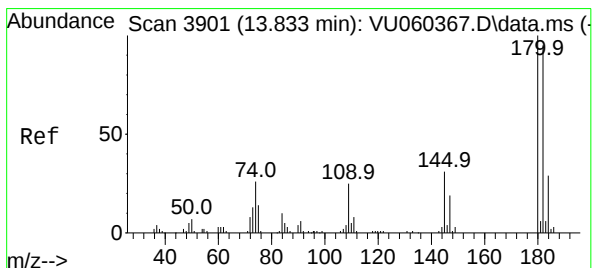
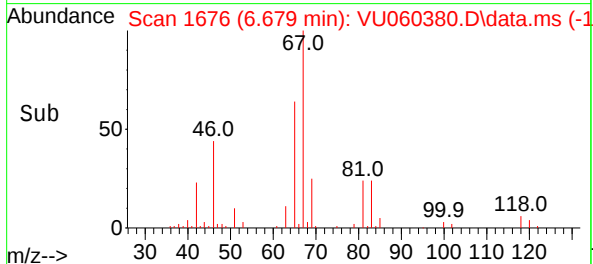
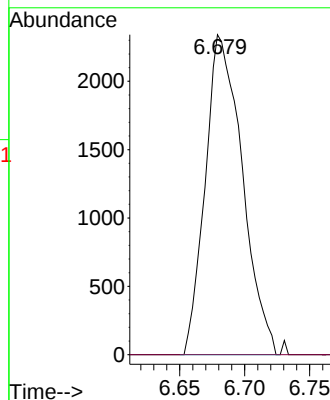
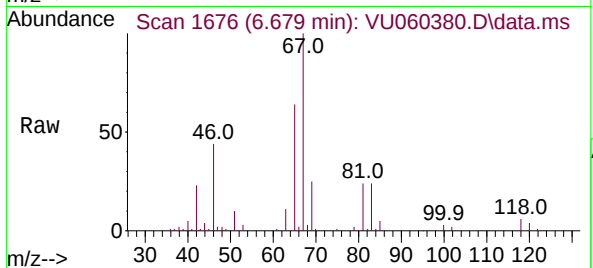
98 7.3 37.3 55.9#





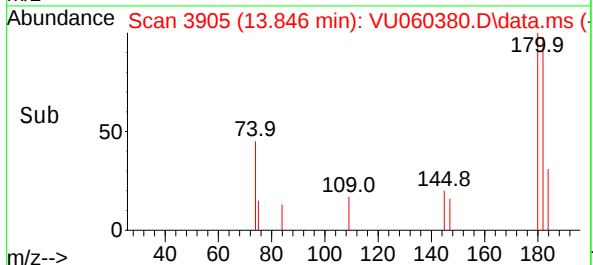
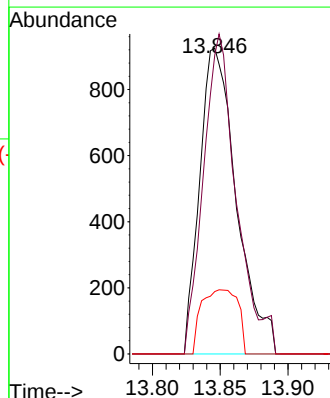
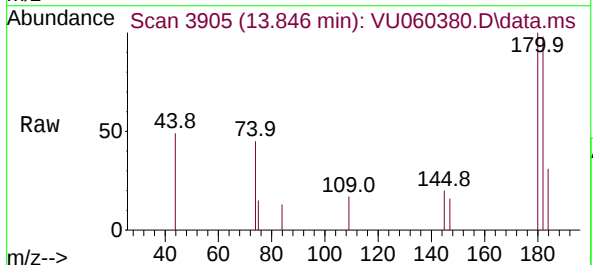
#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU060380.D
Acq: 09 Aug 2024 16:42

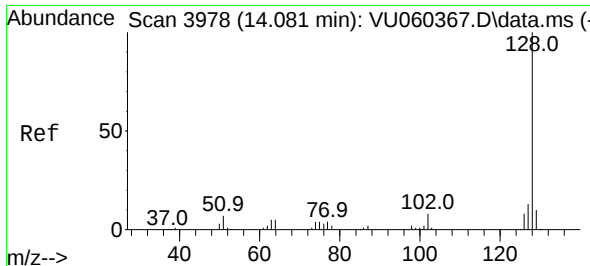
Tgt Ion: 63 Resp: 4633
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#70
1,2,4-trichlorobenzene
Concen: 0.220 ug/L
RT: 13.846 min Scan# 3905
Delta R.T. 0.013 min
Lab File: VU060380.D
Acq: 09 Aug 2024 16:42

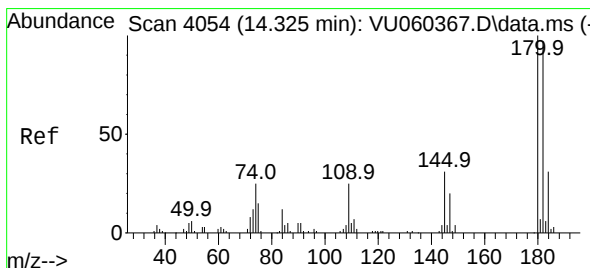
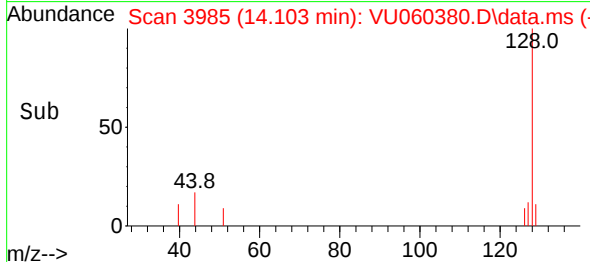
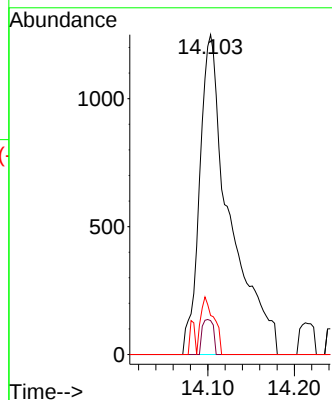
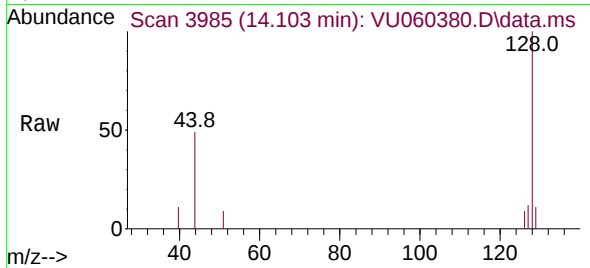
Tgt Ion:180 Resp: 1748
Ion Ratio Lower Upper
180 100
182 94.3 76.0 114.0
145 20.7 23.7 35.5#





#71
Naphthalene
Concen: 0.268 ug/L
RT: 14.103 min Scan# 3985
Delta R.T. 0.022 min
Lab File: VU060380.D
Acq: 09 Aug 2024 16:42

Tgt Ion:128 Resp: 3025
Ion Ratio Lower Upper
128 100
129 4.0 8.6 12.8#
127 8.0 10.6 16.0#



#72
1,2,3-Trichlorobenzene
Concen: 0.207 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU060380.D
Acq: 09 Aug 2024 16:42

Tgt Ion:180 Resp: 1470
Ion Ratio Lower Upper
180 100
182 129.8 75.7 113.5#
145 30.4 23.7 35.5

