

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080924\
 Data File : VU060374.D
 Acq On : 09 Aug 2024 13:56
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 10 04:54:56 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

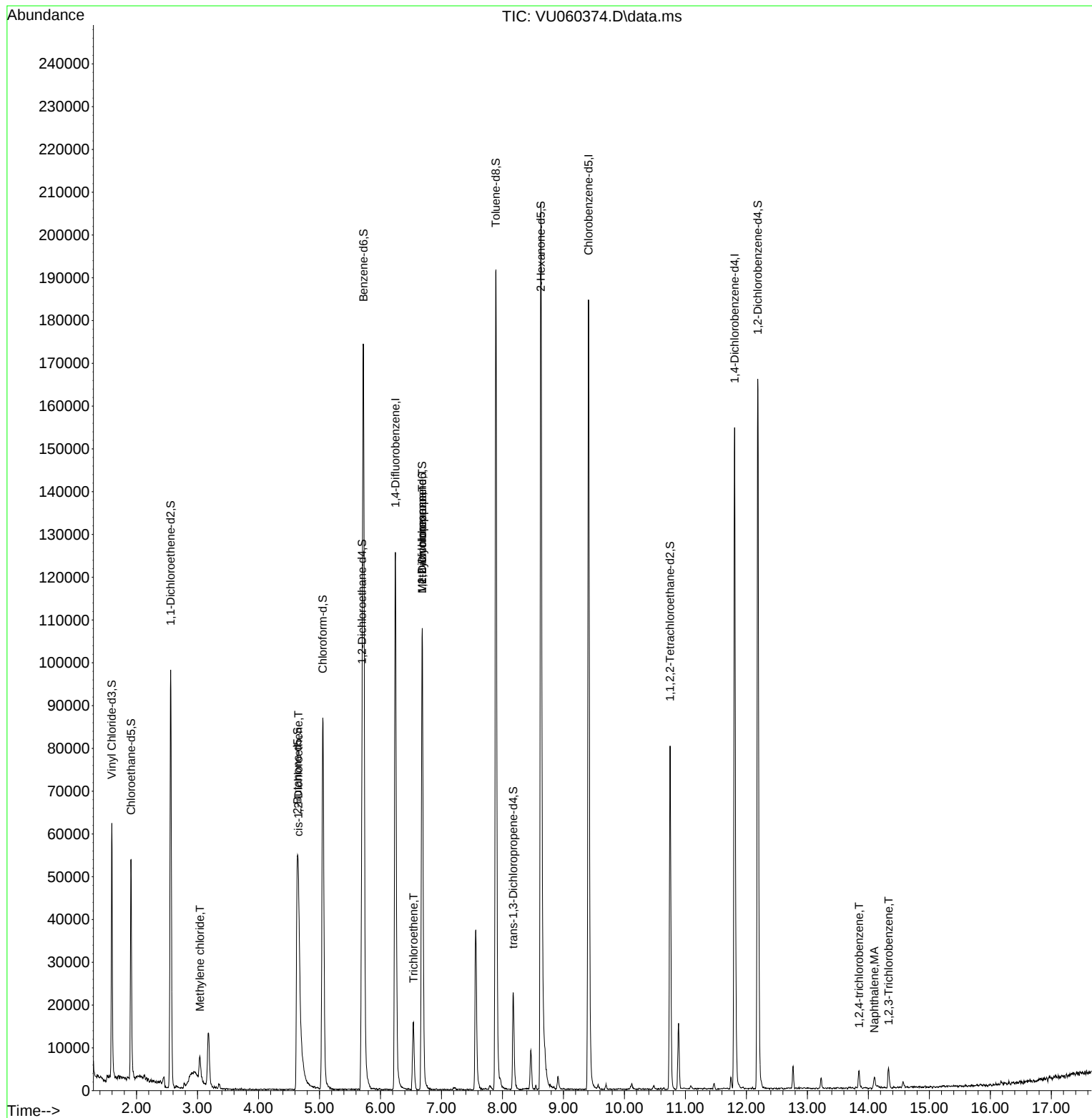
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

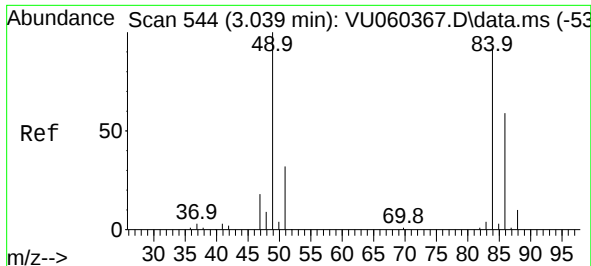
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	109786	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	113048	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	45347	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42826	4.970	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.911	69	39404	5.071	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.560	65	18646	5.084	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.600%
20) 2-Butanone-d5	4.637	46	102826	56.223	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.440%
24) Chloroform-d	5.055	84	86006	5.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.698	65	42189	5.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.721	84	171808	5.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.682	67	57016	5.391	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.800%
41) Toluene-d8	7.891	98	137779	4.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.177	79	15215	4.450	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.631	63	78351	51.642	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.280%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	43953	5.065	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	48773	5.839	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	2842	0.276	ug/L	95
22) cis-1,2-Dichloroethene	4.657	96	7033	0.820	ug/L	99
34) Trichloroethene	6.544	95	5355	0.629	ug/L	97
35) Methylcyclohexane	6.682	83	13041	1.172	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	5720	0.646	ug/L #	88
70) 1,2,4-trichlorobenzene	13.849	180	2103	0.254	ug/L #	95
71) Naphthalene	14.100	128	3814	0.324	ug/L #	90
72) 1,2,3-Trichlorobenzene	14.335	180	2073	0.279	ug/L	86

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

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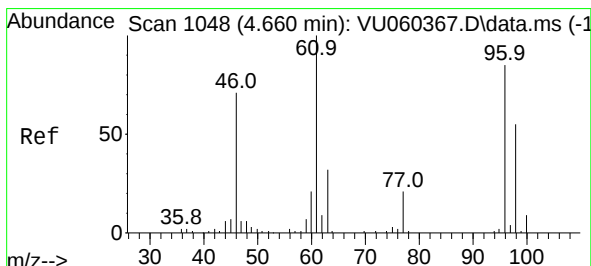
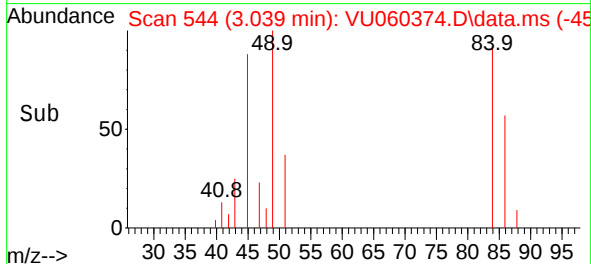
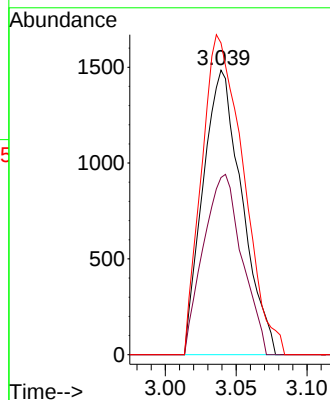
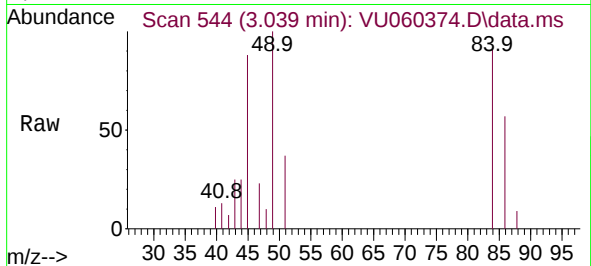




#16
Methylene chloride
Concen: 0.276 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060374.D
Acq: 09 Aug 2024 13:56

Tgt Ion: 84 Resp: 2842

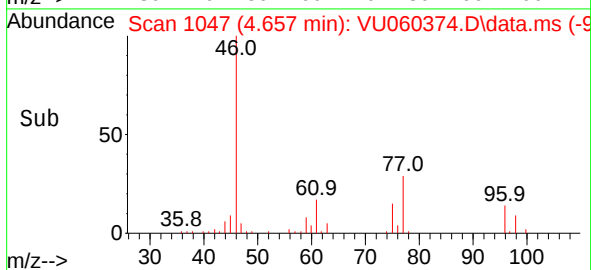
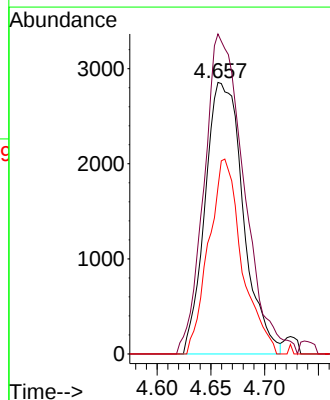
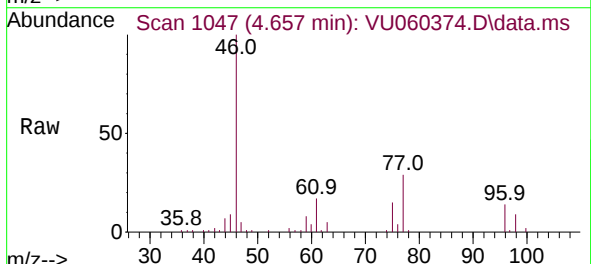
Ion	Ratio	Lower	Upper
84	100		
86	62.2	47.1	87.5
49	109.6	73.9	137.3

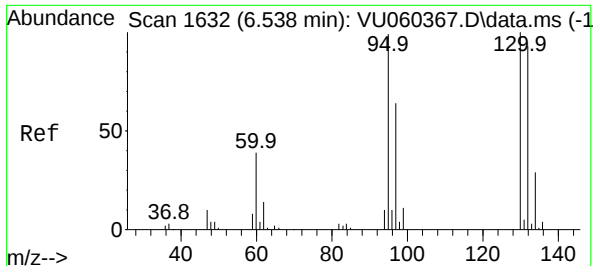


#22
cis-1,2-Dichloroethene
Concen: 0.820 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060374.D
Acq: 09 Aug 2024 13:56

Tgt Ion: 96 Resp: 7033

Ion	Ratio	Lower	Upper
96	100		
61	117.9	81.5	151.5
98	61.3	43.5	80.7





#34

Trichloroethene

Concen: 0.629 ug/L

RT: 6.544 min Scan# 1634

Delta R.T. 0.006 min

Lab File: VU060374.D

Acq: 09 Aug 2024 13:56

Tgt Ion: 95 Resp: 5355

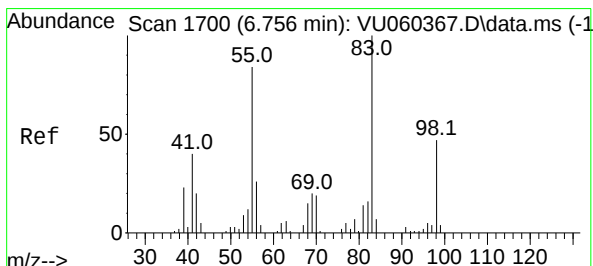
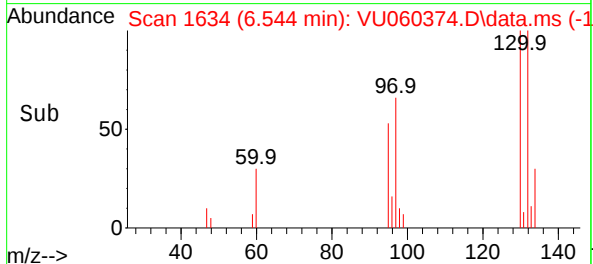
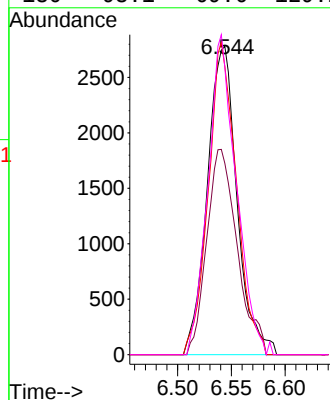
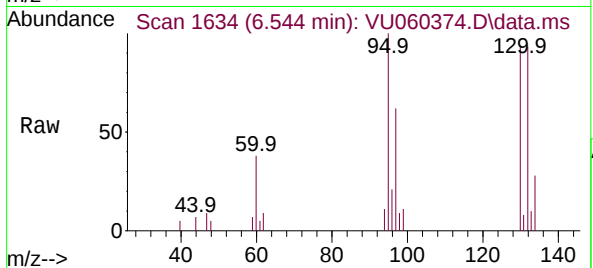
Ion Ratio Lower Upper

95 100

97 62.1 43.6 81.0

132 93.5 67.1 124.5

130 93.1 69.6 129.2



#35

Methylcyclohexane

Concen: 1.172 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU060374.D

Acq: 09 Aug 2024 13:56

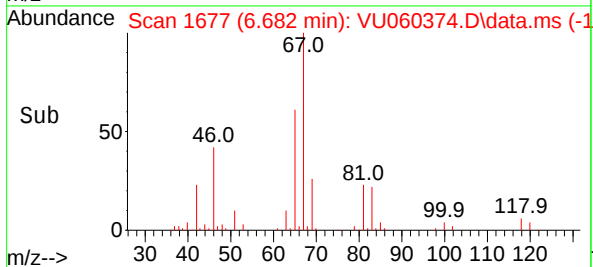
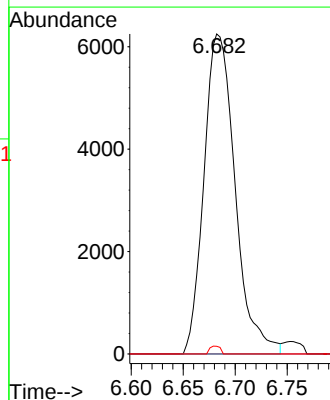
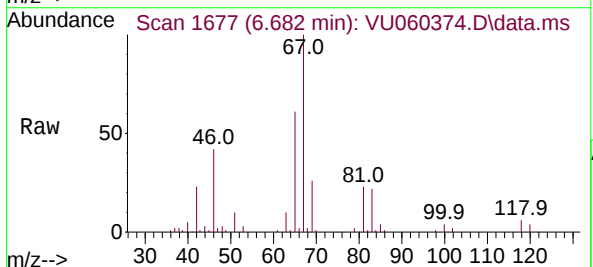
Tgt Ion: 83 Resp: 13041

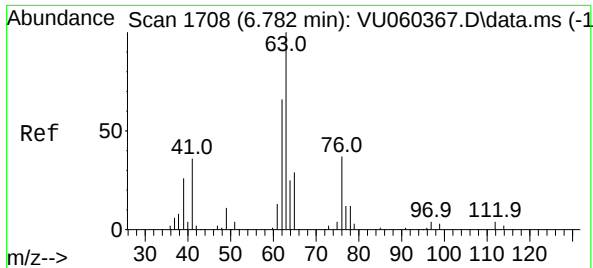
Ion Ratio Lower Upper

83 100

55 0.0 62.4 93.6#

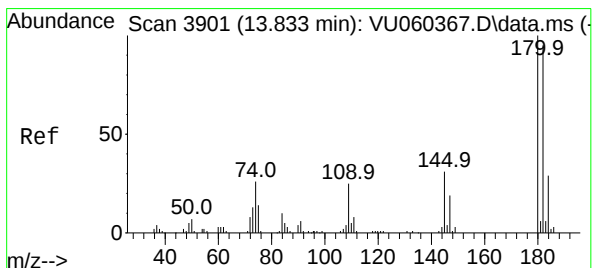
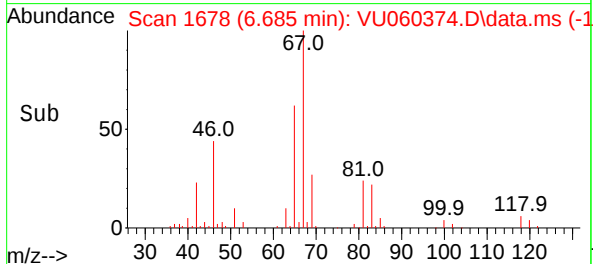
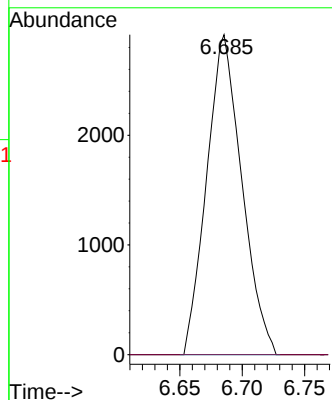
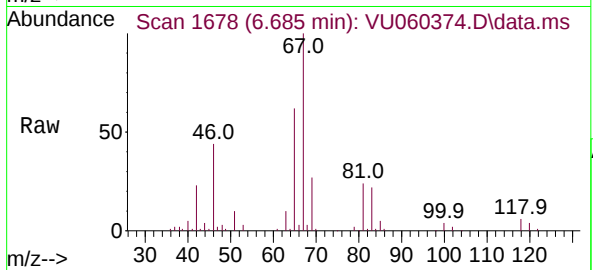
98 0.8 37.3 55.9#





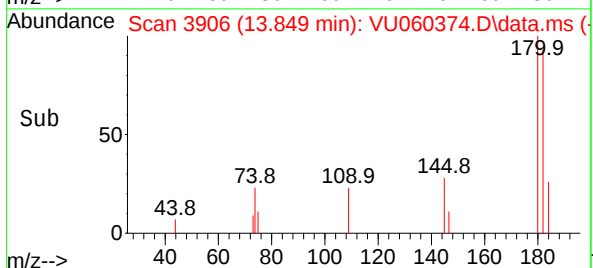
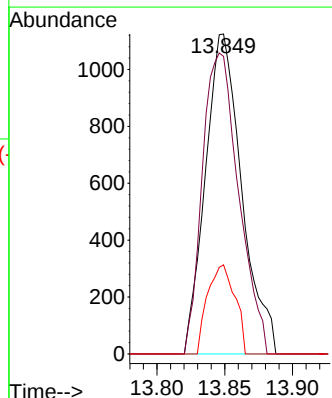
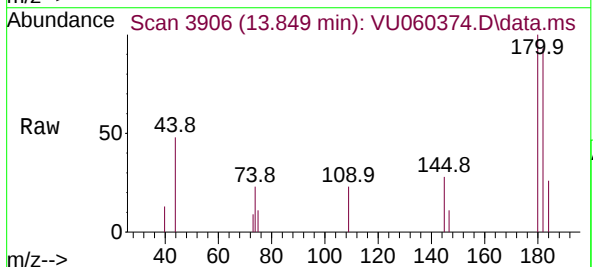
#37
1,2-Dichloropropane
Concen: 0.646 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.097 min
Lab File: VU060374.D
Acq: 09 Aug 2024 13:56

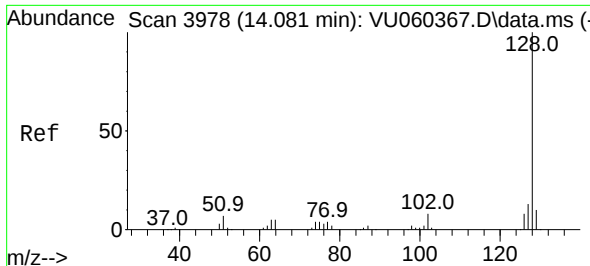
Tgt Ion: 63 Resp: 5720
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#70
1,2,4-trichlorobenzene
Concen: 0.254 ug/L
RT: 13.849 min Scan# 3906
Delta R.T. 0.016 min
Lab File: VU060374.D
Acq: 09 Aug 2024 13:56

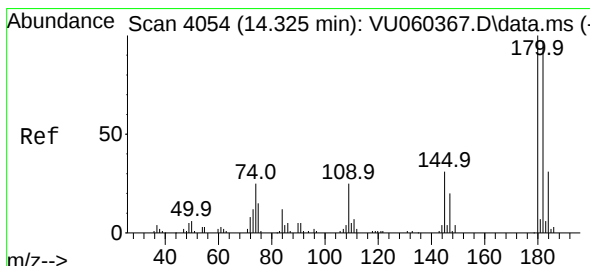
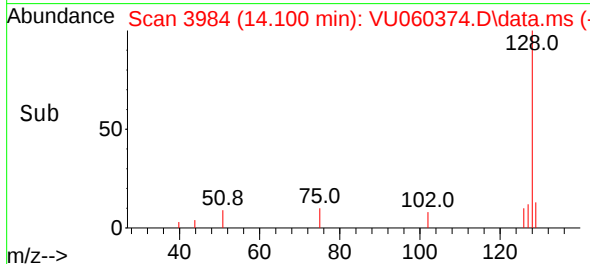
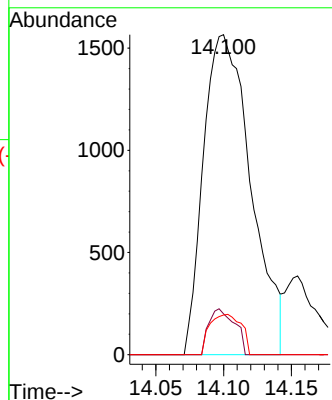
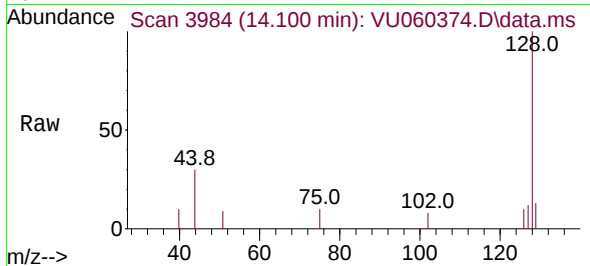
Tgt Ion:180 Resp: 2103
Ion Ratio Lower Upper
180 100
182 93.8 76.0 114.0
145 20.8 23.7 35.5#





#71
Naphthalene
Concen: 0.324 ug/L
RT: 14.100 min Scan# 3984
Delta R.T. 0.019 min
Lab File: VU060374.D
Acq: 09 Aug 2024 13:56

Tgt Ion:128 Resp: 3814
Ion Ratio Lower Upper
128 100
129 7.9 8.6 12.8#
127 8.4 10.6 16.0#



#72
1,2,3-Trichlorobenzene
Concen: 0.279 ug/L
RT: 14.335 min Scan# 4057
Delta R.T. 0.009 min
Lab File: VU060374.D
Acq: 09 Aug 2024 13:56

Tgt Ion:180 Resp: 2073
Ion Ratio Lower Upper
180 100
182 110.3 75.7 113.5
145 33.4 23.7 35.5

