

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060813.D
 Acq On : 17 Sep 2024 05:31
 Operator : MD/SY
 Sample : P3952-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 06:37:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 02:49:32 2024
 Response via : Initial Calibration

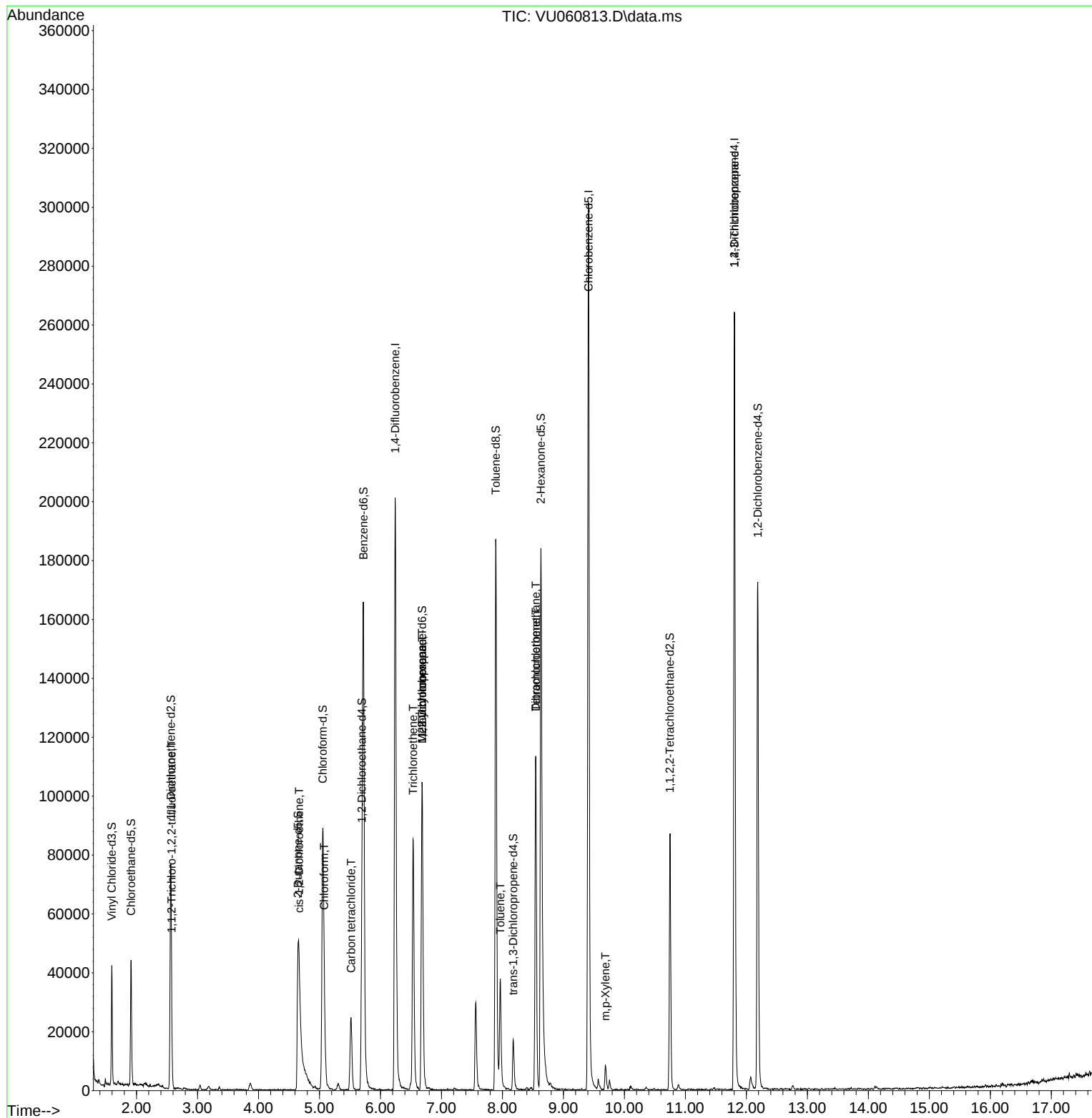
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	177960	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	189904	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	80023	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26716	1.669	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	33.400%#
7) Chloroethane-d5	1.911	69	32070	2.814	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	56.200%#
11) 1,1-Dichloroethene-d2	2.563	65	14328	2.526	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.600%#
20) 2-Butanone-d5	4.650	46	95315	37.093	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.180%
24) Chloroform-d	5.055	84	85823	3.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.200%
26) 1,2-Dichloroethane-d4	5.695	65	41486	3.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
32) Benzene-d6	5.721	84	165065	3.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.800%#
36) 1,2-Dichloropropane-d6	6.682	67	56451	3.585	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.600%
41) Toluene-d8	7.891	98	137872	2.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.400%#
43) trans-1,3-Dichloroprop...	8.177	79	11973	2.112	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	42.200%#
46) 2-Hexanone-d5	8.631	63	70690	31.612	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	44997	3.647	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	52072	3.873	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.400%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	2679	0.219	ug/L #	90
22) cis-1,2-Dichloroethene	4.666	96	6786	0.529	ug/L	96
25) Chloroform	5.078	83	17968	0.740	ug/L	92
31) Carbon tetrachloride	5.518	117	18141	0.999	ug/L	97
34) Trichloroethene	6.534	95	30816	2.251	ug/L	98
35) Methylcyclohexane	6.685	83	13235	0.705	ug/L #	23
37) 1,2-Dichloropropane	6.685	63	5297	0.368	ug/L #	94
42) Toluene	7.965	91	31199	0.571	ug/L	92
47) Tetrachloroethene	8.547	164	27474	2.526	ug/L	96
49) Dibromochloromethane	8.547	129	26289	2.223	ug/L #	9
53) m,p-Xylene	9.688	106	2505	0.115	ug/L	94
61) 1,2,3-Trichloropropane	11.804	75	8585	1.150	ug/L #	68

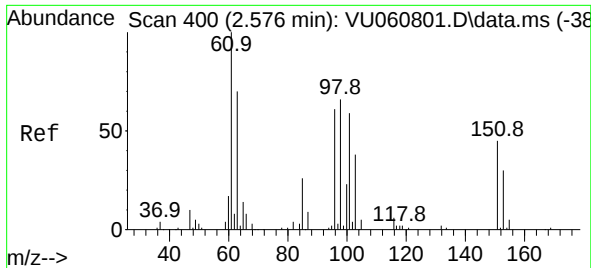
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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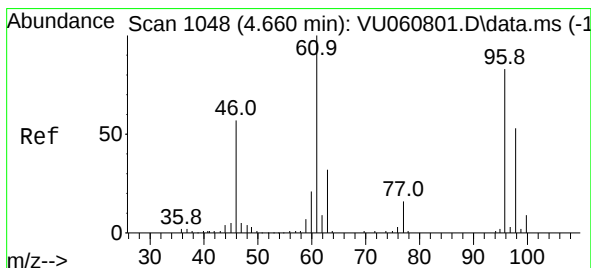
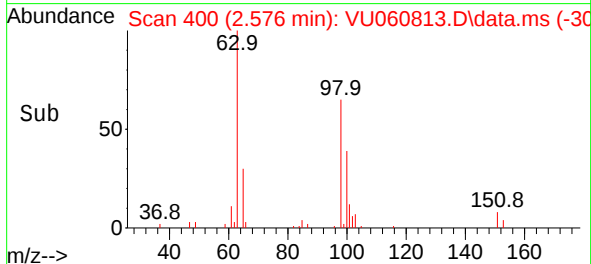
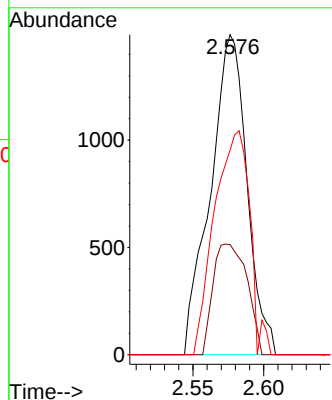
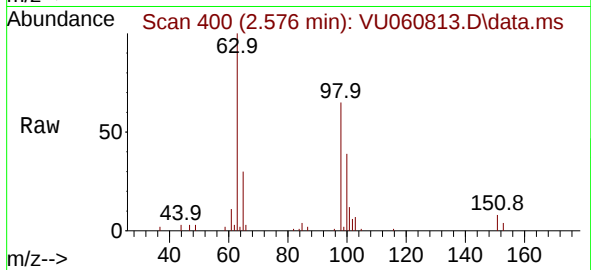




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.219 ug/L
RT: 2.576 min Scan# 40
Delta R.T. -0.000 min
Lab File: VU060813.D
Acq: 17 Sep 2024 05:31

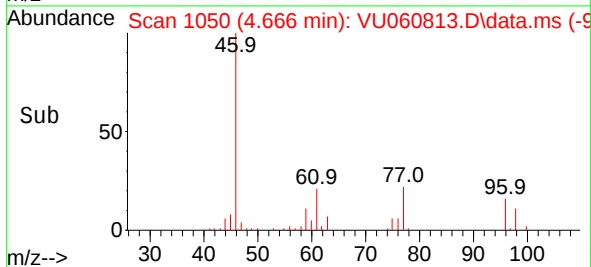
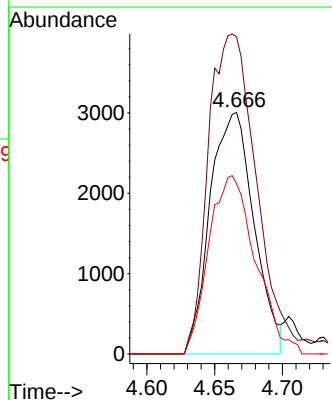
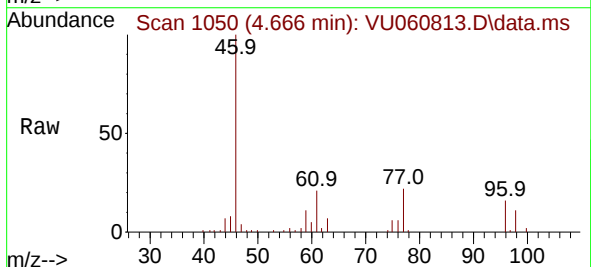
Instrument :
MSVOA_U
ClientSampleId :

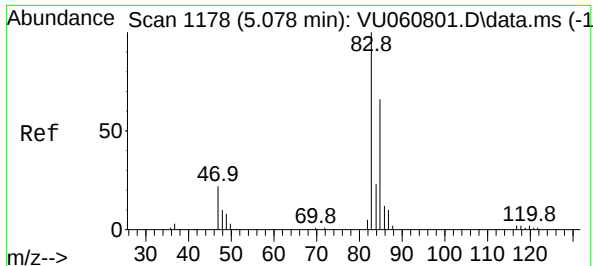
Tgt Ion:101 Resp: 2679
Ion Ratio Lower Upper
101 100
85 32.0 34.2 51.4#
151 67.7 58.6 88.0



#22
cis-1,2-Dichloroethene
Concen: 0.529 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU060813.D
Acq: 17 Sep 2024 05:31

Tgt Ion: 96 Resp: 6786
Ion Ratio Lower Upper
96 100
61 131.3 89.7 166.5
98 70.4 45.1 83.9

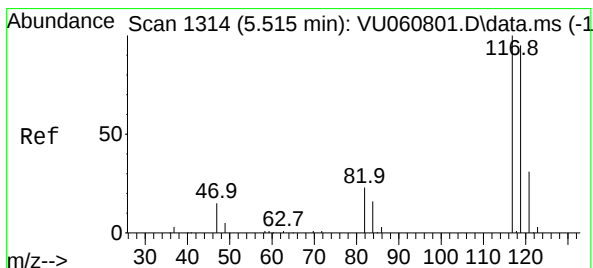
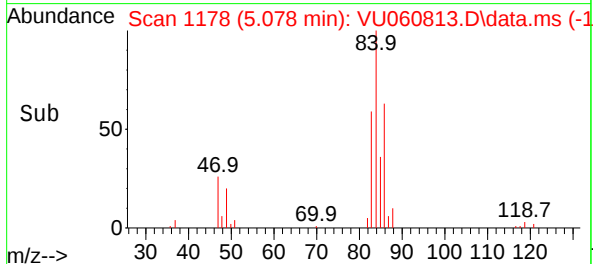
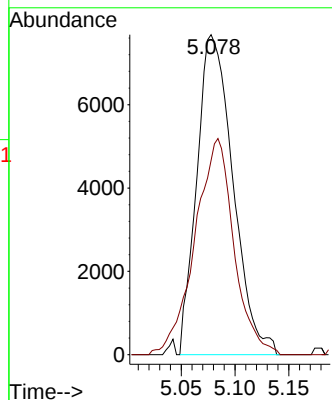
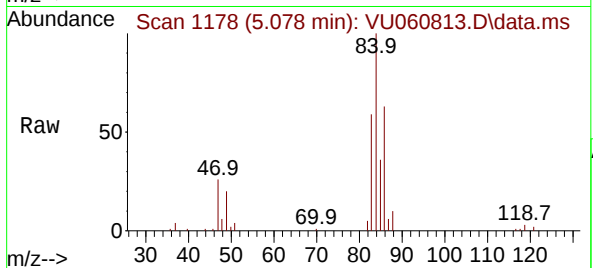




#25
Chloroform
Concen: 0.740 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU060813.D
Acq: 17 Sep 2024 05:31

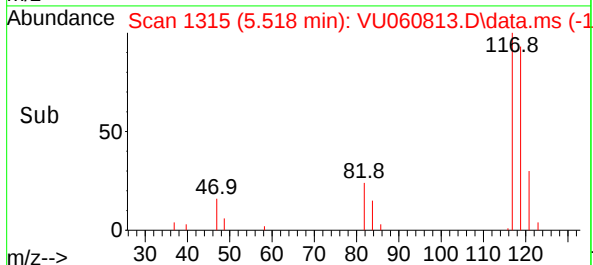
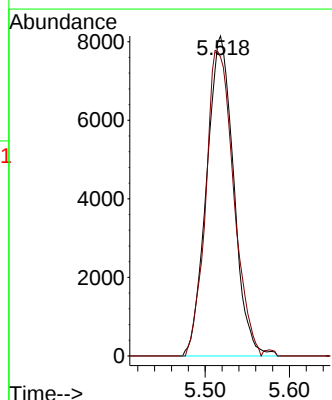
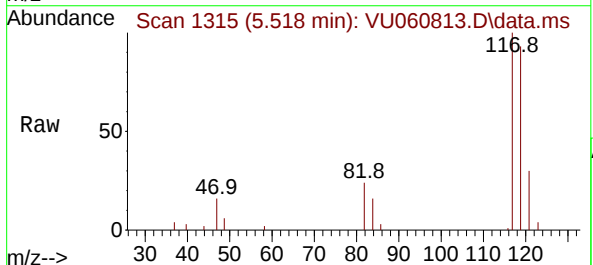
Instrument :
MSVOA_U
ClientSampleId :

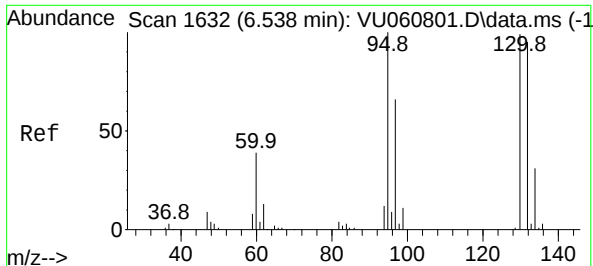
Tgt Ion: 83 Resp: 17968
Ion Ratio Lower Upper
83 100
85 60.7 46.8 86.8



#31
Carbon tetrachloride
Concen: 0.999 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU060813.D
Acq: 17 Sep 2024 05:31

Tgt Ion: 117 Resp: 18141
Ion Ratio Lower Upper
117 100
119 98.7 76.3 114.5





#34

Trichloroethene

Concen: 2.251 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060813.D

Acq: 17 Sep 2024 05:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 30816

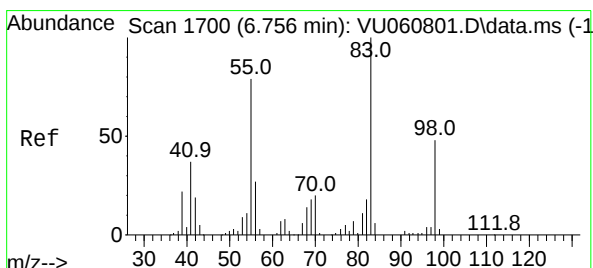
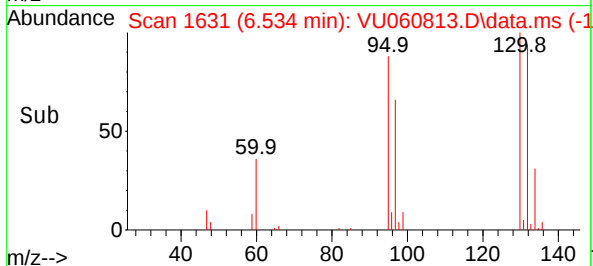
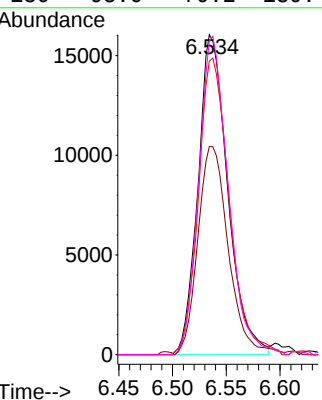
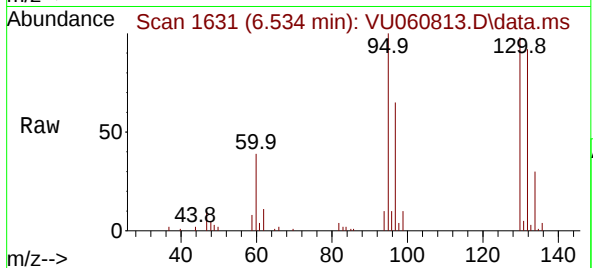
Ion Ratio Lower Upper

95 100

97 65.0 44.9 83.5

132 91.8 63.5 117.9

130 98.0 70.2 130.4



#35

Methylcyclohexane

Concen: 0.705 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU060813.D

Acq: 17 Sep 2024 05:31

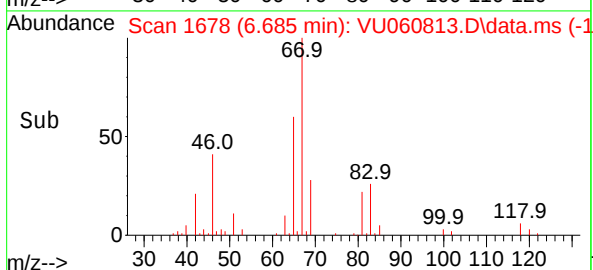
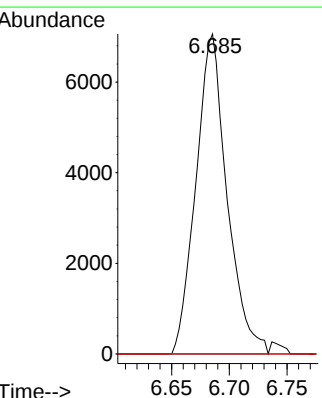
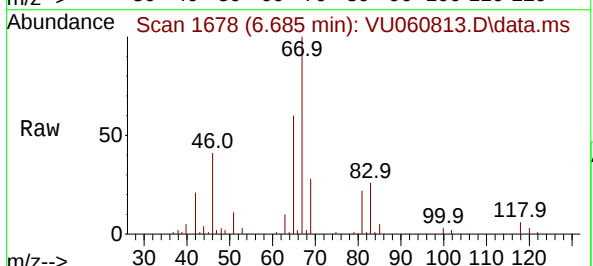
Tgt Ion: 83 Resp: 13235

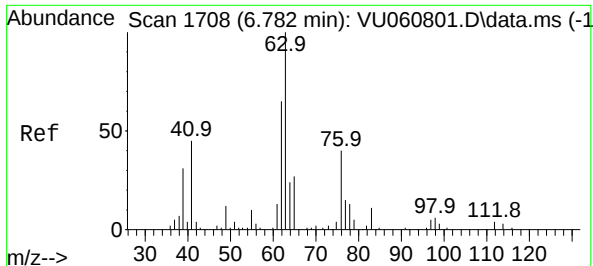
Ion Ratio Lower Upper

83 100

55 1.5 62.6 94.0#

98 7.1 37.6 56.4#

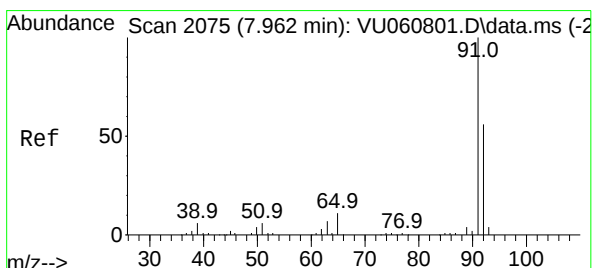
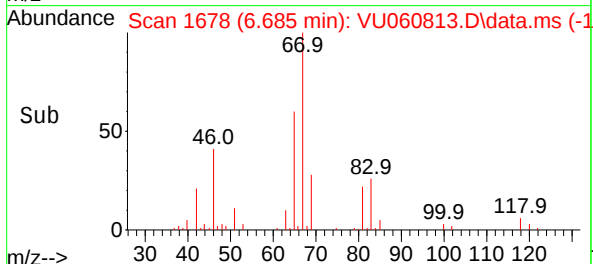
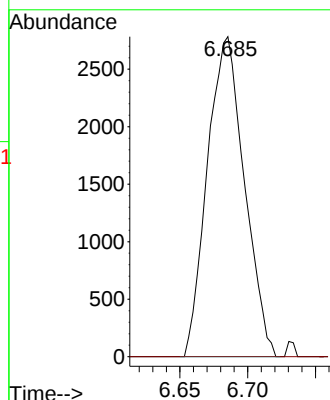
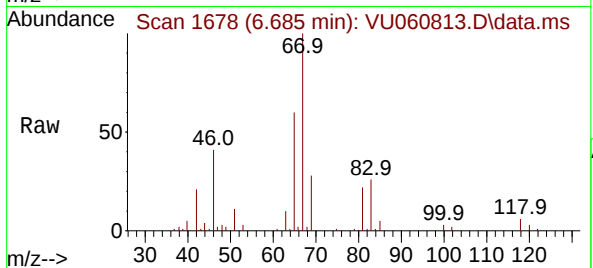




#37
1,2-Dichloropropane
Concen: 0.368 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU060813.D
Acq: 17 Sep 2024 05:31

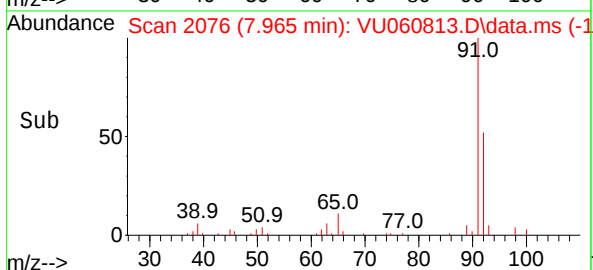
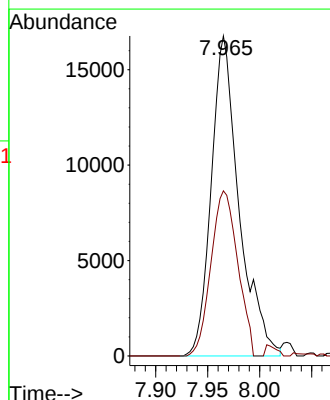
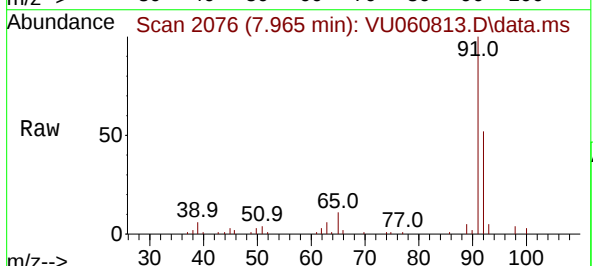
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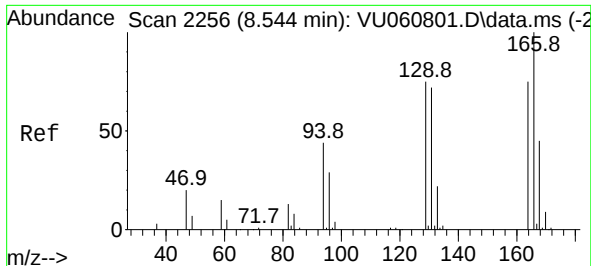
Tgt Ion: 63 Resp: 5297
Ion Ratio Lower Upper
63 100
112 0.4 2.0 3.0#



#42
Toluene
Concen: 0.571 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU060813.D
Acq: 17 Sep 2024 05:31

Tgt Ion: 91 Resp: 31199
Ion Ratio Lower Upper
91 100
92 51.6 40.5 75.3





#47

Tetrachloroethene

Concen: 2.526 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.003 min

Lab File: VU060813.D

Acq: 17 Sep 2024 05:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 27474

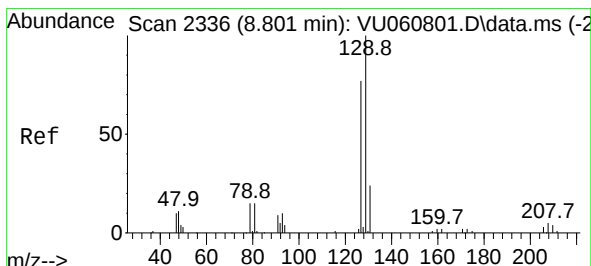
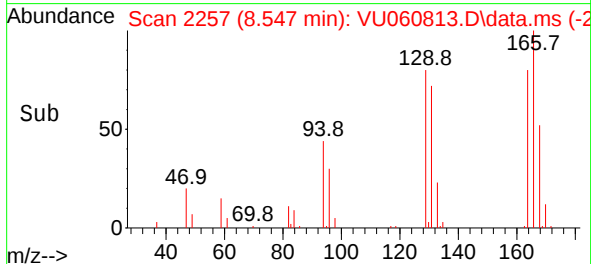
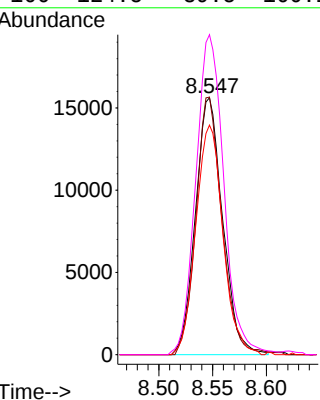
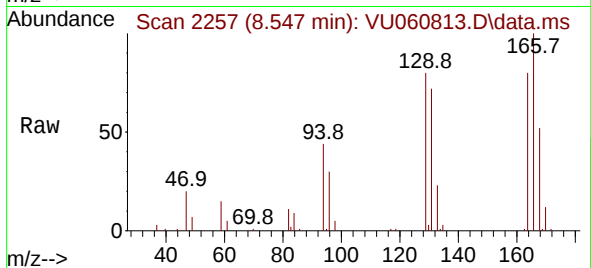
Ion Ratio Lower Upper

164 100

129 100.2 67.3 124.9

131 89.4 65.4 121.4

166 124.5 89.5 166.1



#49

Dibromochloromethane

Concen: 2.223 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU060813.D

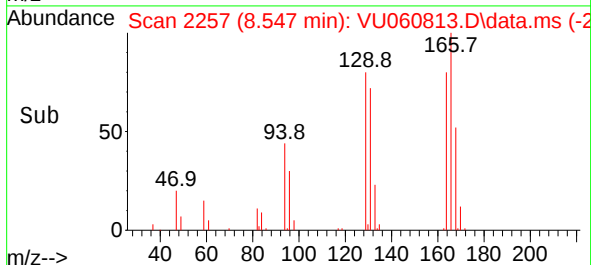
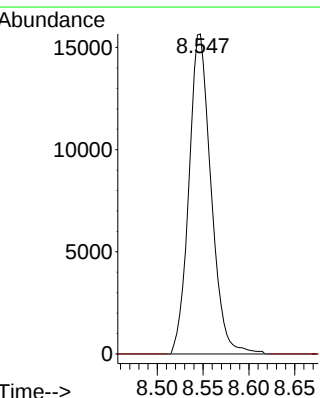
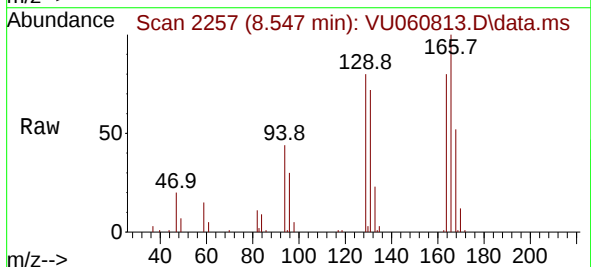
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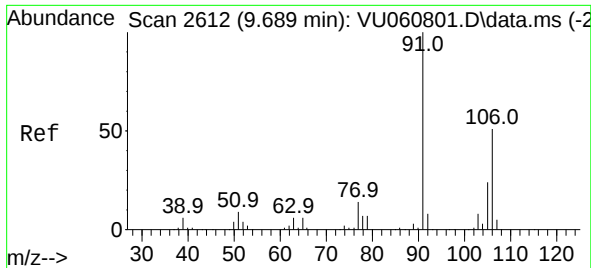
Tgt Ion:129 Resp: 26289

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#

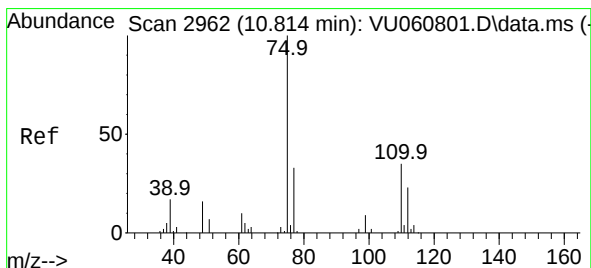
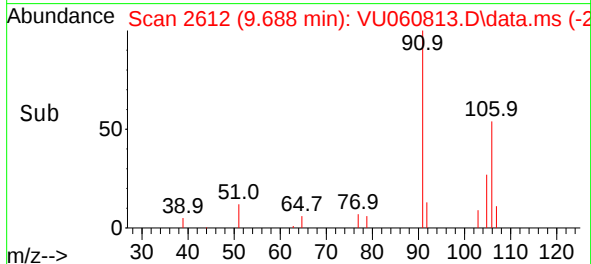
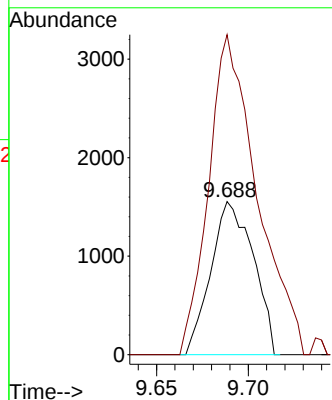
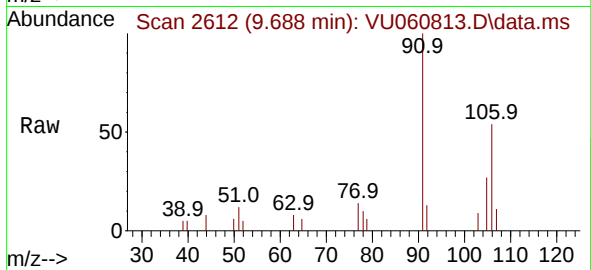




#53
m,p-Xylene
Concen: 0.115 ug/L
RT: 9.688 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU060813.D
Acq: 17 Sep 2024 05:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 2505
Ion Ratio Lower Upper
106 100
91 208.9 139.7 259.4



#61
1,2,3-Trichloropropane
Concen: 1.150 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU060813.D
Acq: 17 Sep 2024 05:31

Tgt Ion: 75 Resp: 8585
Ion Ratio Lower Upper
75 100
110 2.3 28.6 43.0#
77 35.3 26.3 39.5

