

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
 Data File : VU060958.D
 Acq On : 20 Sep 2024 21:42
 Operator : MD/SY
 Sample : P4092-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 21 01:45:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:39:49 2024
 Response via : Initial Calibration

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

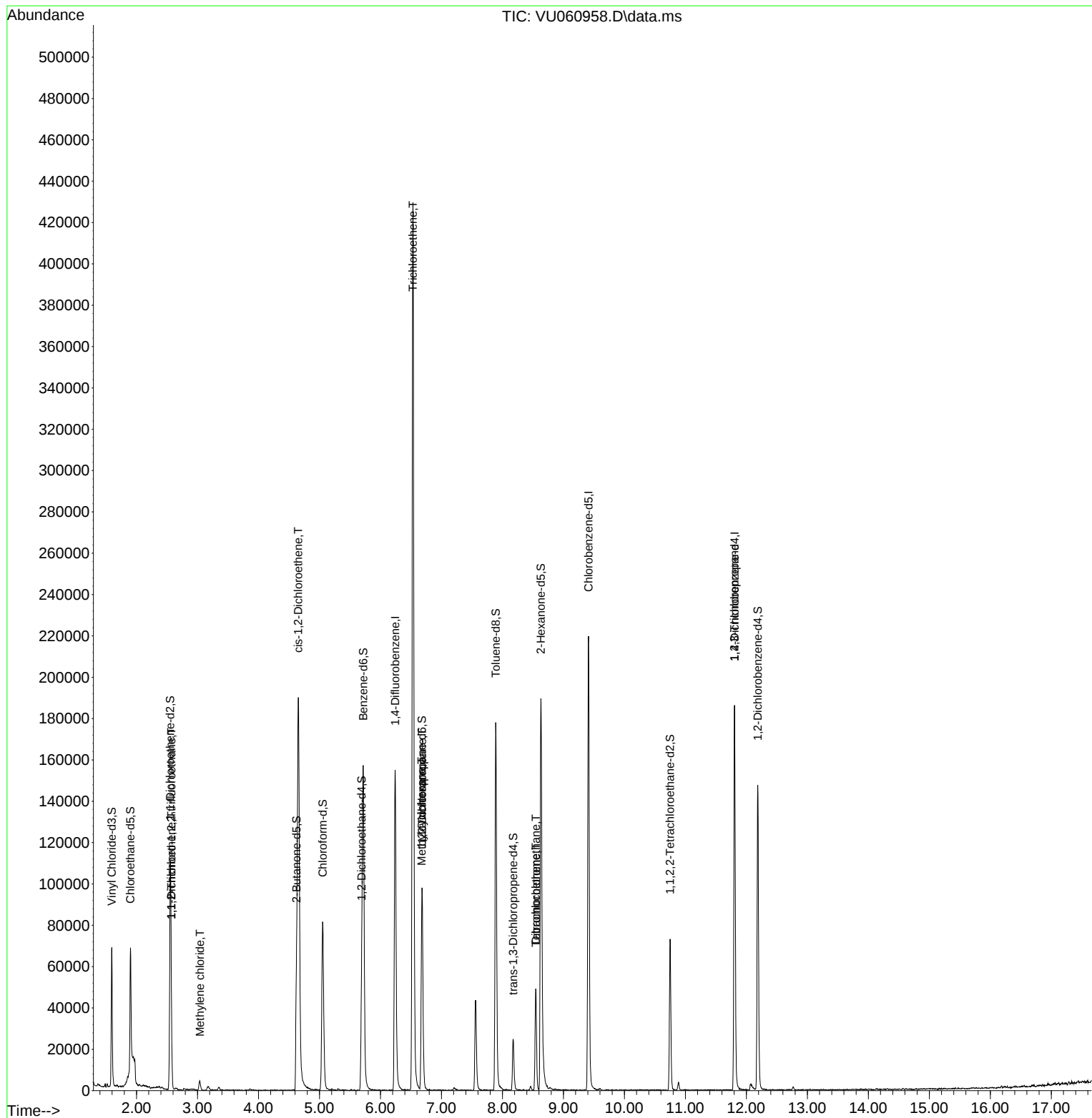
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	131394	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	132345	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	52552	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	49639	4.200	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.901	69	42699	5.075	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.554	65	18628	4.447	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.624	46	80135	42.238	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.480%
24) Chloroform-d	5.052	84	77936	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.692	65	40269	4.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.717	84	153472	4.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.679	67	51561	4.698	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.891	98	125961	3.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	8.177	79	16467	4.168	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.630	63	68573	44.003	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.000%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	38098	4.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	40417	4.577	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	2433	0.269	ug/L #	77
12) 1,1-Dichloroethene	2.570	96	7385	0.894	ug/L #	2
16) Methylene chloride	3.039	84	2404	0.251	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	95975	10.126	ug/L	99
34) Trichloroethene	6.531	95	154122	16.156	ug/L	98
35) Methylcyclohexane	6.676	83	11695	0.894	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	5007	0.499	ug/L #	93
47) Tetrachloroethene	8.550	164	11234	1.482	ug/L	98
49) Dibromochloromethane	8.547	129	11267	1.367	ug/L #	9
61) 1,2,3-Trichloropropane	11.804	75	6002	1.224	ug/L #	68

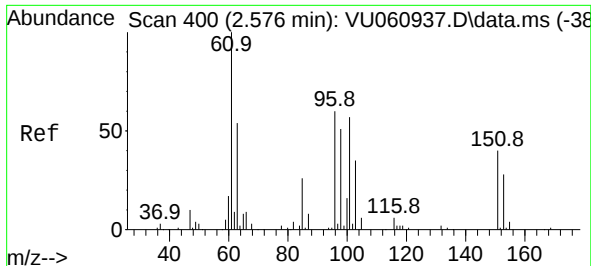
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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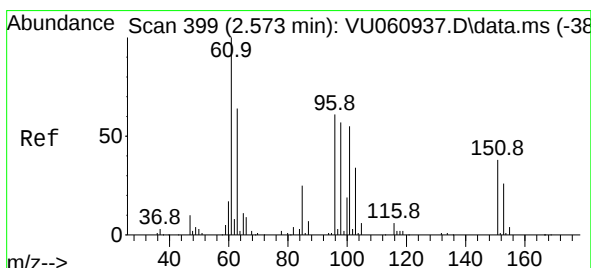
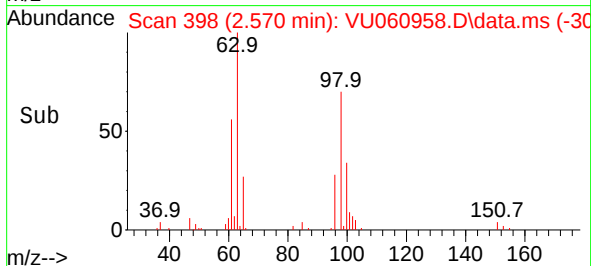
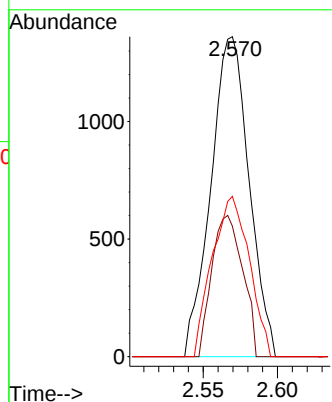
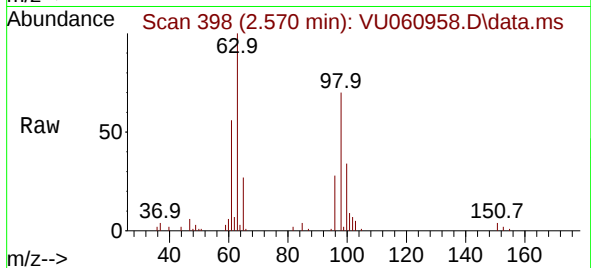




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.269 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.007 min
 Lab File: VU060958.D
 Acq: 20 Sep 2024 21:42

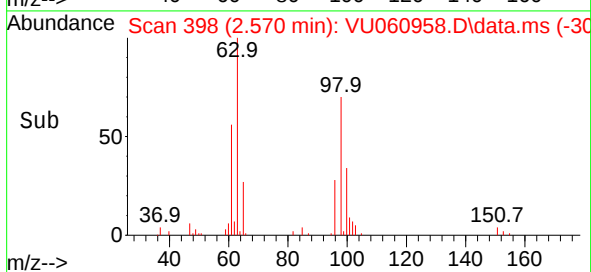
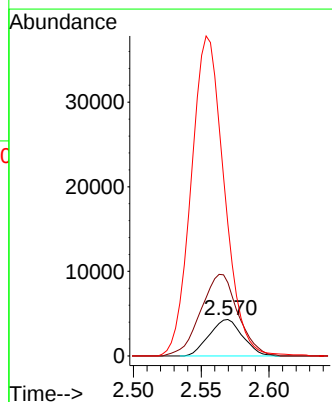
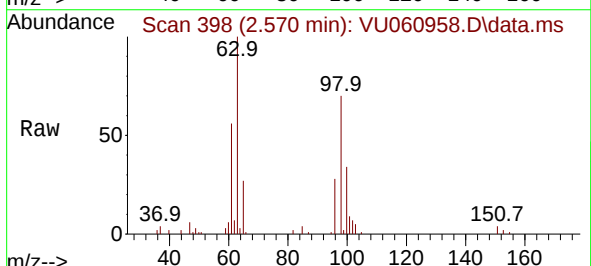
Instrument :
 MSVOA_U
 ClientSampleId :

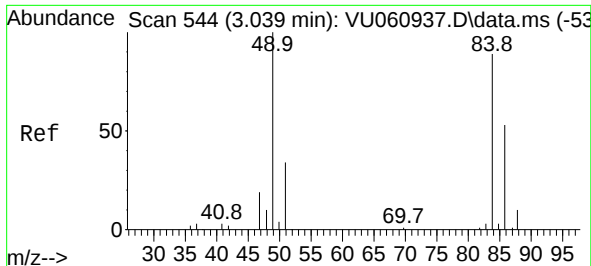
Tgt Ion:101 Resp: 2433
 Ion Ratio Lower Upper
 101 100
 85 35.6 34.2 51.4
 151 48.7 58.6 88.0#



#12
 1,1-Dichloroethene
 Concen: 0.894 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU060958.D
 Acq: 20 Sep 2024 21:42

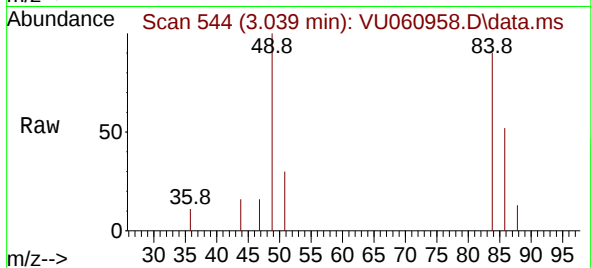
Tgt Ion: 96 Resp: 7385
 Ion Ratio Lower Upper
 96 100
 61 200.6 120.7 224.1
 63 361.3 90.0 167.2#



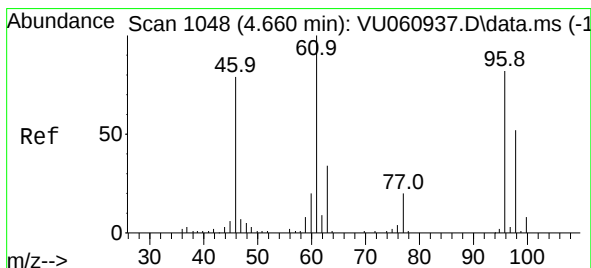
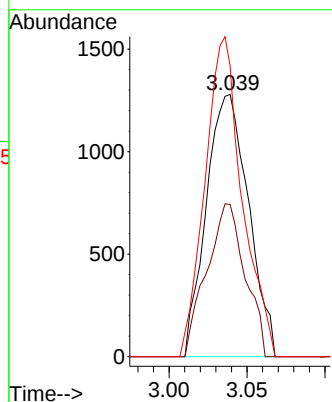
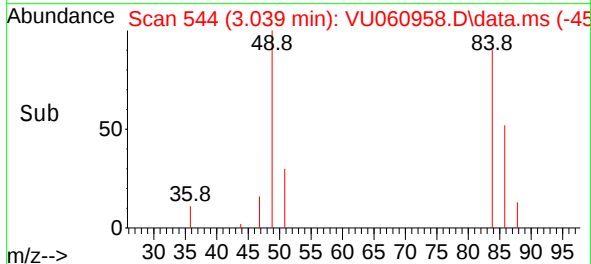


#16
Methylene chloride
Concen: 0.251 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060958.D
Acq: 20 Sep 2024 21:42

Instrument :
MSVOA_U
ClientSampleId :

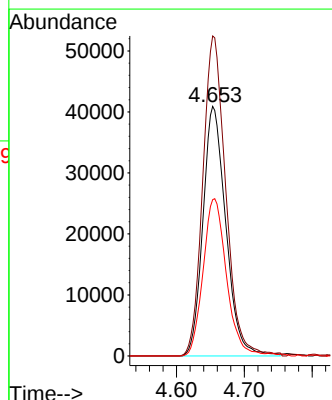
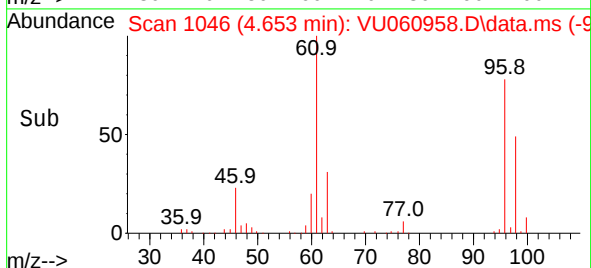
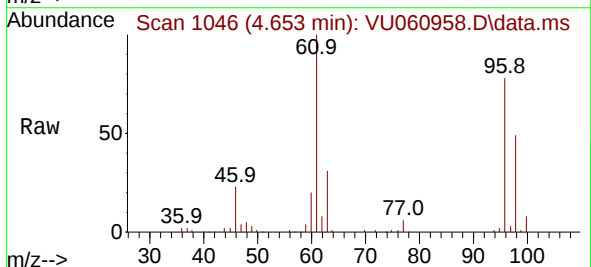


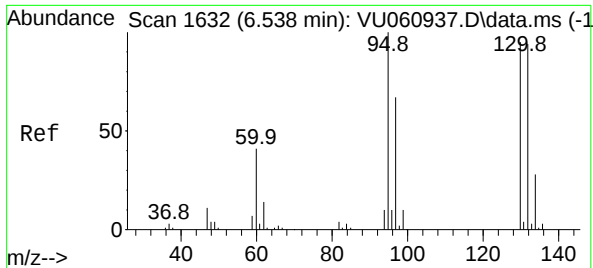
Tgt Ion: 84 Resp: 2404
Ion Ratio Lower Upper
84 100
86 58.1 47.3 87.8
49 110.9 78.7 146.1



#22
cis-1,2-Dichloroethene
Concen: 10.126 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.007 min
Lab File: VU060958.D
Acq: 20 Sep 2024 21:42

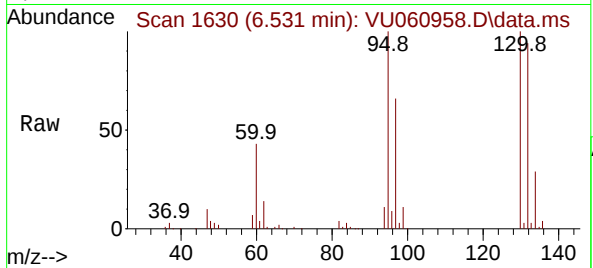
Tgt Ion: 96 Resp: 95975
Ion Ratio Lower Upper
96 100
61 128.2 89.7 166.5
98 62.7 45.1 83.9



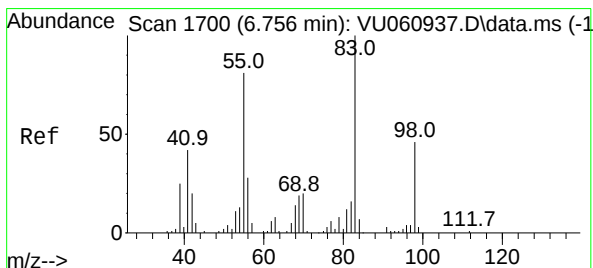
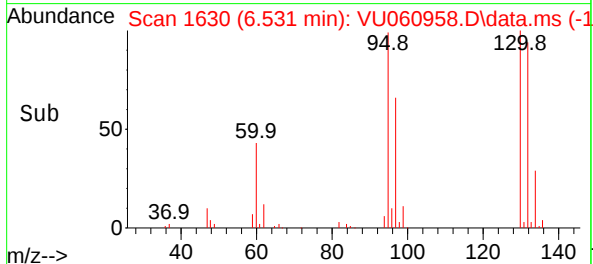
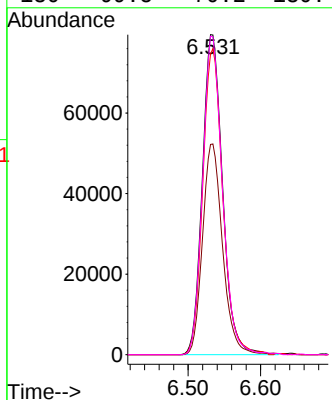


#34
Trichloroethene
Concen: 16.156 ug/L
RT: 6.531 min Scan# 1
Delta R.T. -0.007 min
Lab File: VU060958.D
Acq: 20 Sep 2024 21:42

Instrument :
MSVOA_U
ClientSampleId :

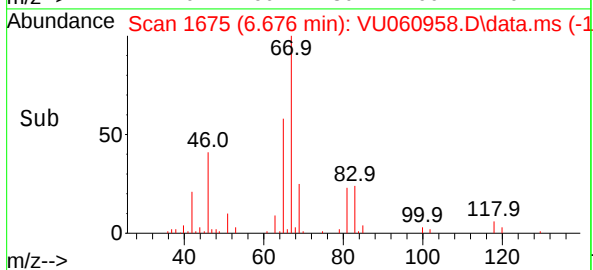
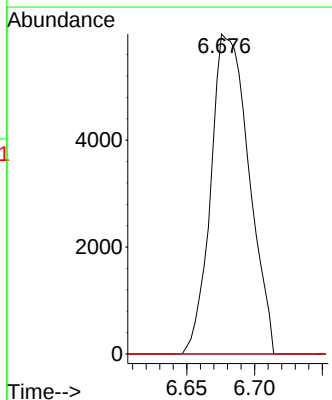
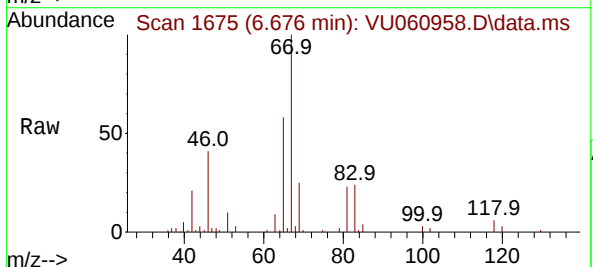


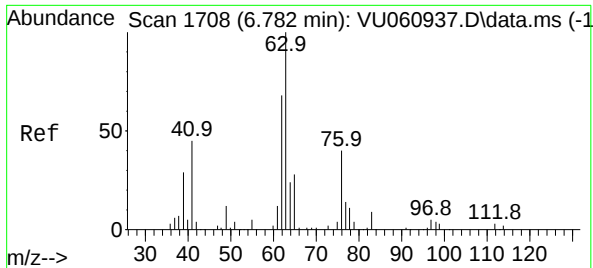
Tgt Ion: 95 Resp: 154122
Ion Ratio Lower Upper
95 100
97 65.7 44.9 83.5
132 94.0 63.5 117.9
130 99.5 70.2 130.4



#35
Methylcyclohexane
Concen: 0.894 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.081 min
Lab File: VU060958.D
Acq: 20 Sep 2024 21:42

Tgt Ion: 83 Resp: 11695
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.0 37.6 56.4#

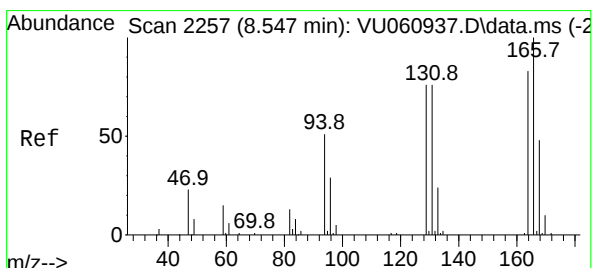
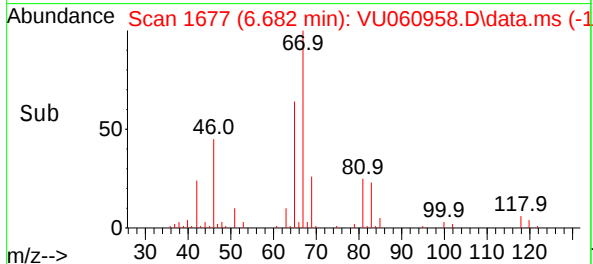
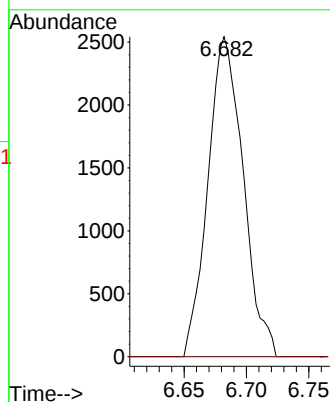
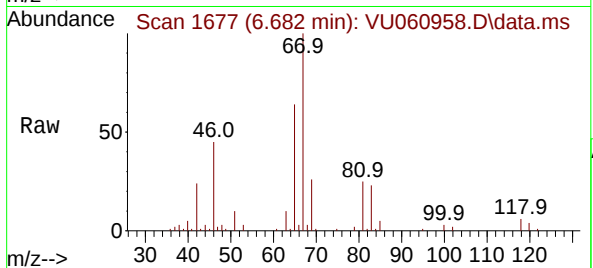




#37
1,2-Dichloropropane
Concen: 0.499 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060958.D
Acq: 20 Sep 2024 21:42

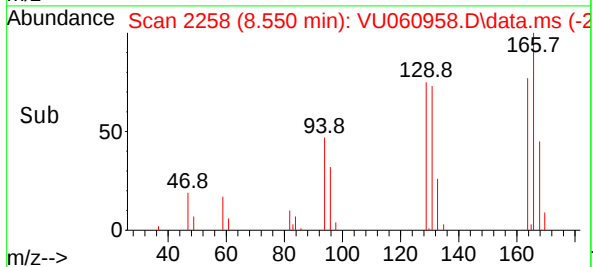
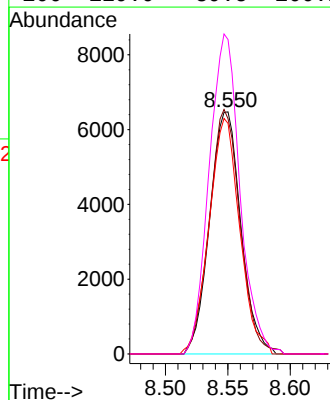
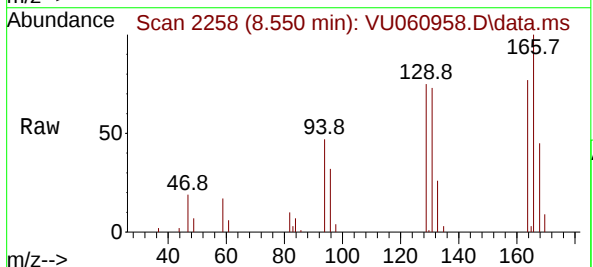
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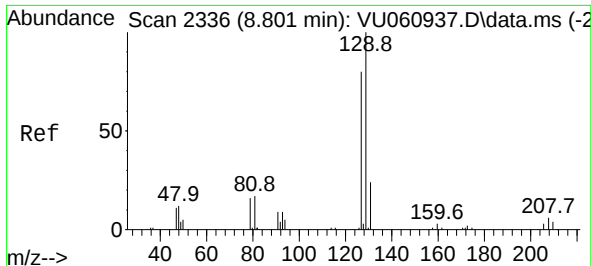
Tgt Ion: 63 Resp: 5007
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#47
Tetrachloroethene
Concen: 1.482 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU060958.D
Acq: 20 Sep 2024 21:42

Tgt Ion:164 Resp: 11234
Ion Ratio Lower Upper
164 100
129 97.1 67.3 124.9
131 95.2 65.4 121.4
166 129.9 89.5 166.1





#49

Dibromochloromethane

Concen: 1.367 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU060958.D

Acq: 20 Sep 2024 21:42

Instrument :

MSVOA_U

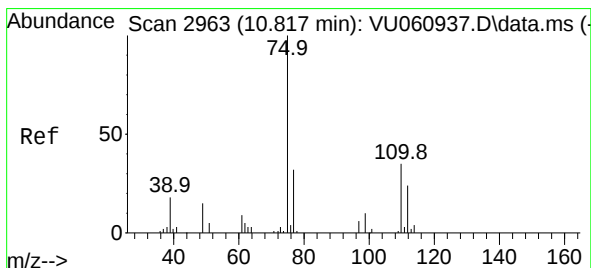
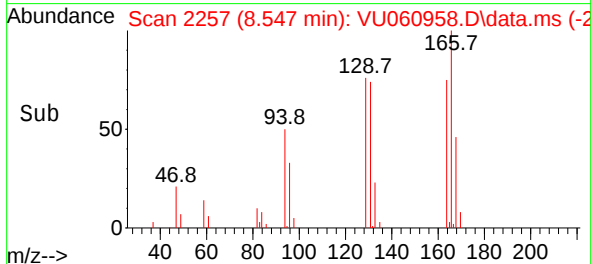
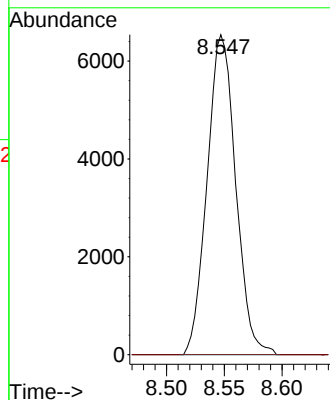
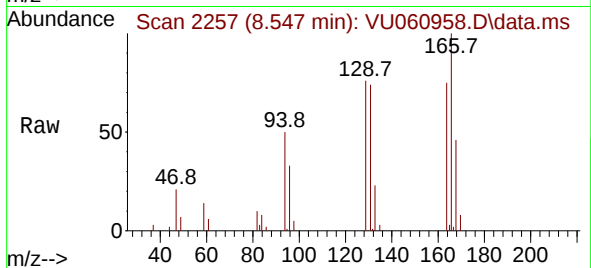
ClientSampleId :

Tgt Ion:129 Resp: 11267

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#



#61

1,2,3-Trichloropropane

Concen: 1.224 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU060958.D

Acq: 20 Sep 2024 21:42

Tgt Ion: 75 Resp: 6002

Ion Ratio Lower Upper

75 100

110 0.9 28.6 43.0#

77 34.2 26.3 39.5

