

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
 Data File : VU060968.D
 Acq On : 23 Sep 2024 11:35
 Operator : MD/SY
 Sample : P4092-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 06:08:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 24 06:06:45 2024
 Response via : Initial Calibration

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

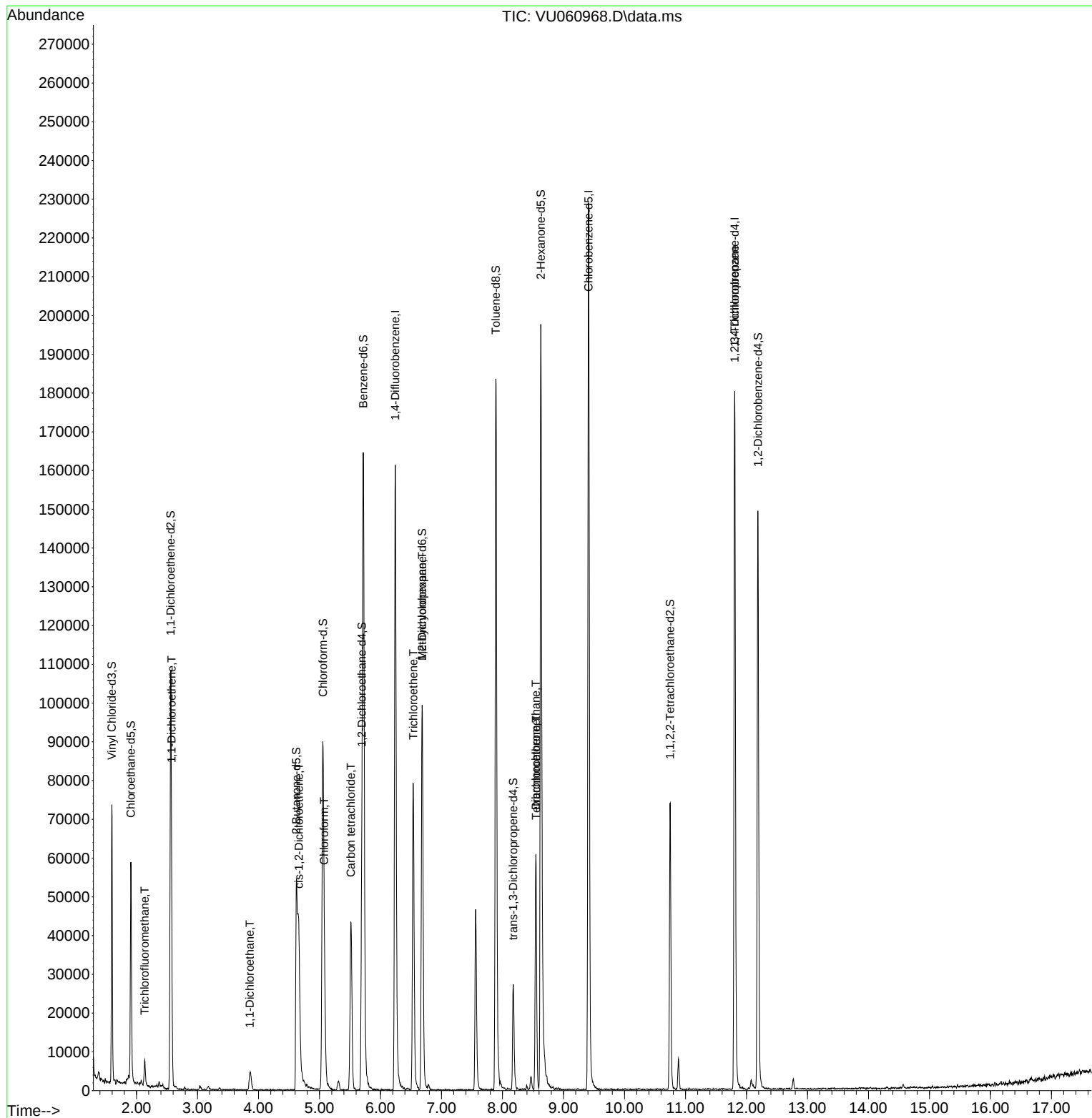
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	135279	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	136798	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	51867	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	52207	4.291	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.907	69	42391	4.893	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.560	65	19331	4.482	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.621	46	85431	43.736	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.480%
24) Chloroform-d	5.055	84	83015	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.695	65	41937	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.718	84	159450	4.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.682	67	53339	4.702	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.891	98	134505	4.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.177	79	18309	4.484	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.627	63	70133	43.539	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.080%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	40203	4.524	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	42525	4.879	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.136	101	4355	0.272	ug/L	98
12) 1,1-Dichloroethene	2.573	96	6051	0.711	ug/L #	1
19) 1,1-Dichloroethane	3.859	63	6715	0.379	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	17397	1.783	ug/L	91
25) Chloroform	5.078	83	20199	1.094	ug/L	99
31) Carbon tetrachloride	5.515	117	31110	2.379	ug/L	99
34) Trichloroethene	6.537	95	28564	2.897	ug/L	93
35) Methylcyclohexane	6.682	83	11817	0.873	ug/L #	17
47) Tetrachloroethene	8.550	164	14135	1.804	ug/L	91
49) Dibromochloromethane	8.547	129	13481	1.583	ug/L #	9
61) 1,2,3-Trichloropropane	11.804	75	6315	1.305	ug/L #	67

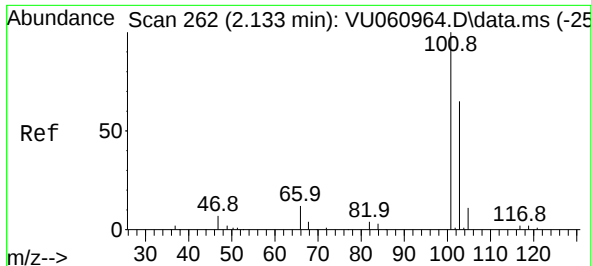
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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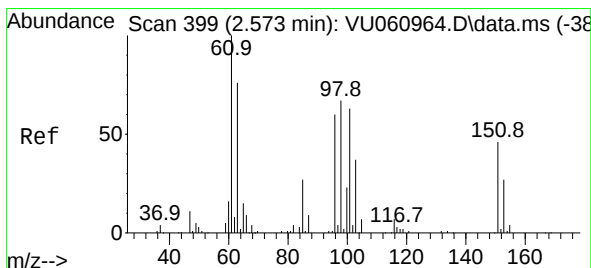
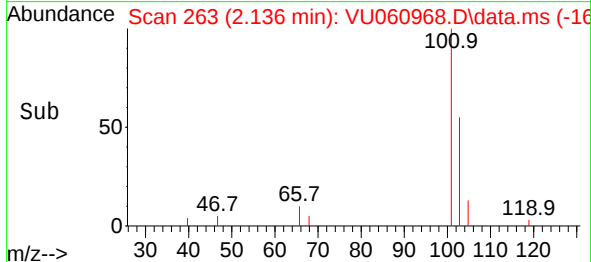
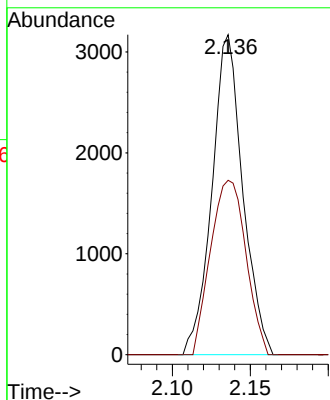
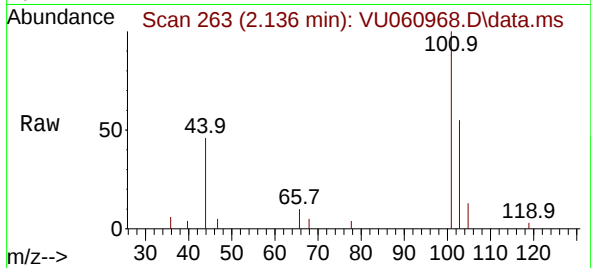




#9
Trichlorofluoromethane
Concen: 0.272 ug/L
RT: 2.136 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU060968.D
Acq: 23 Sep 2024 11:35

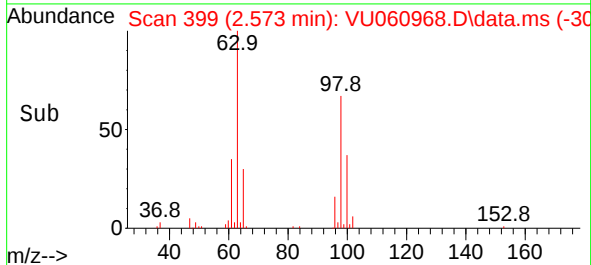
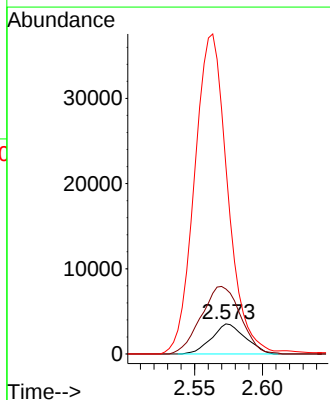
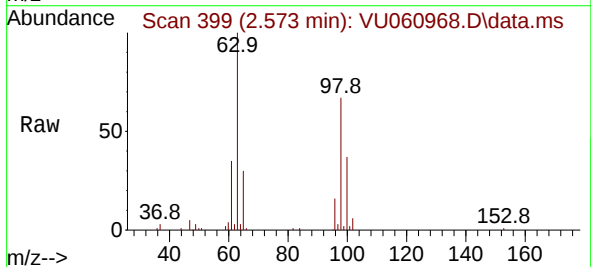
Instrument :
MSVOA_U
ClientSampleId :

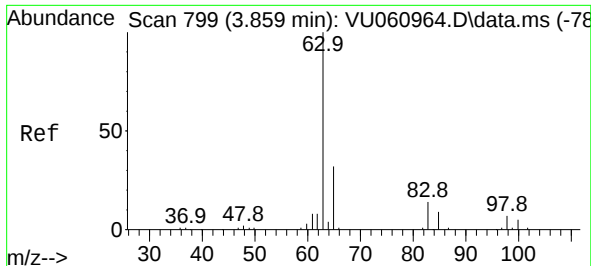
Tgt Ion:101 Resp: 4355
Ion Ratio Lower Upper
101 100
103 62.5 51.4 77.2



#12
1,1-Dichloroethene
Concen: 0.711 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060968.D
Acq: 23 Sep 2024 11:35

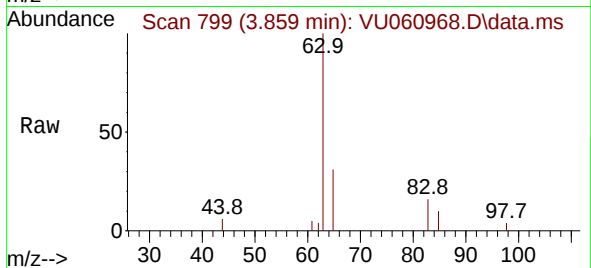
Tgt Ion: 96 Resp: 6051
Ion Ratio Lower Upper
96 100
61 216.2 120.7 224.1
63 626.3 90.0 167.2#





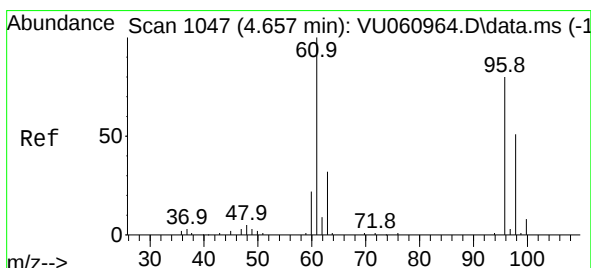
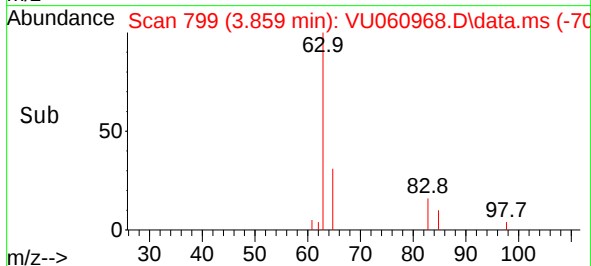
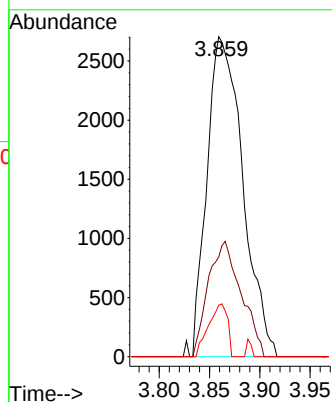
#19
1,1-Dichloroethane
Concen: 0.379 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060968.D
Acq: 23 Sep 2024 11:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 63 Resp: 6715

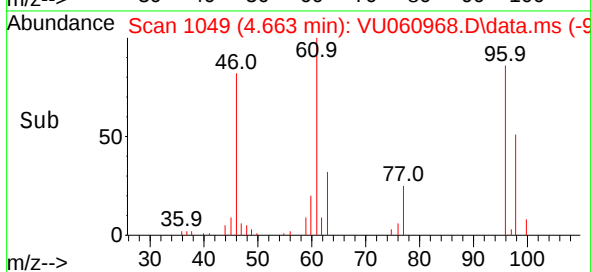
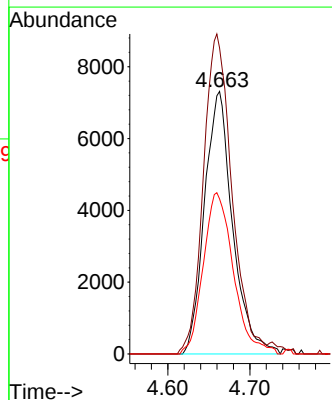
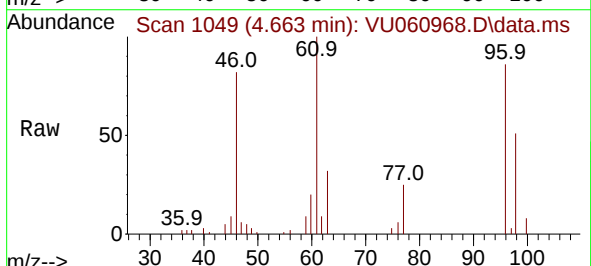
Ion	Ratio	Lower	Upper
63	100		
65	31.2	23.0	42.8
83	16.1	9.0	16.6

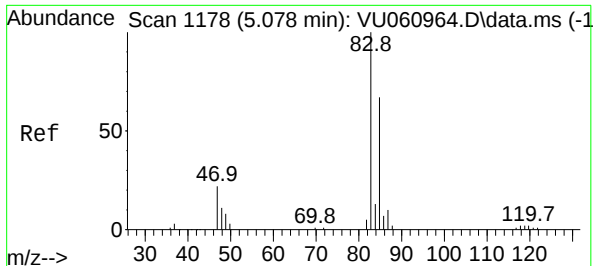


#22
cis-1,2-Dichloroethene
Concen: 1.783 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU060968.D
Acq: 23 Sep 2024 11:35

Tgt Ion: 96 Resp: 17397

Ion	Ratio	Lower	Upper
96	100		
61	116.6	89.7	166.5
98	59.1	45.1	83.9





#25

Chloroform

Concen: 1.094 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU060968.D

Acq: 23 Sep 2024 11:35

Instrument :

MSVOA_U

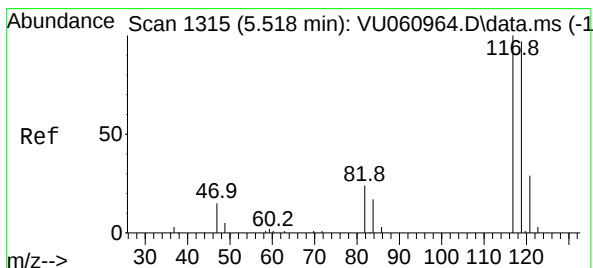
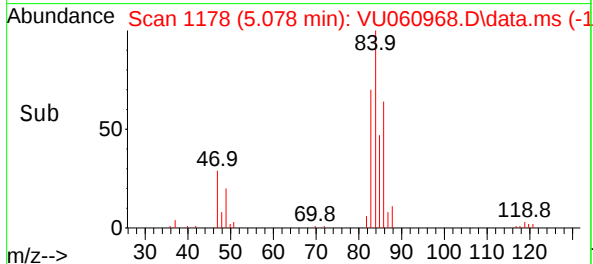
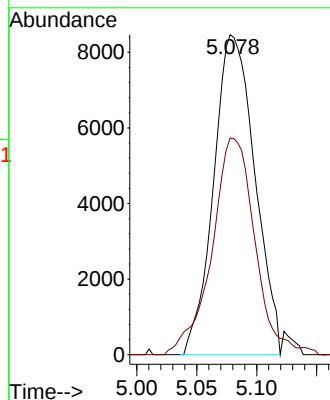
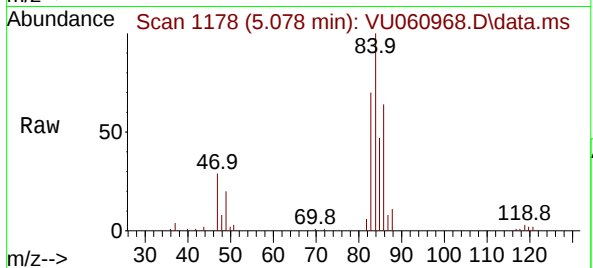
ClientSampleId :

Tgt Ion: 83 Resp: 20199

Ion Ratio Lower Upper

83 100

85 67.7 46.8 86.8



#31

Carbon tetrachloride

Concen: 2.379 ug/L

RT: 5.515 min Scan# 1314

Delta R.T. -0.003 min

Lab File: VU060968.D

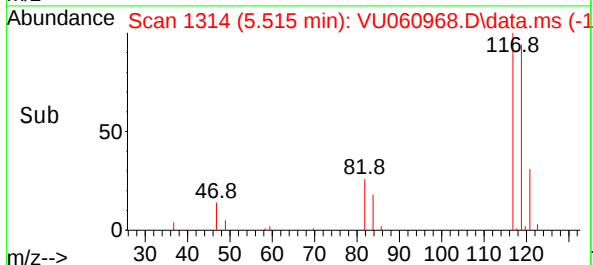
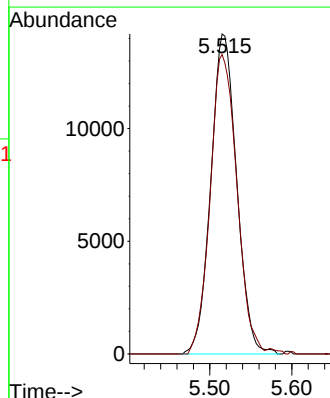
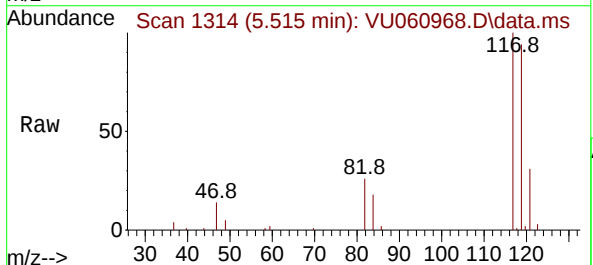
Acq: 23 Sep 2024 11:35

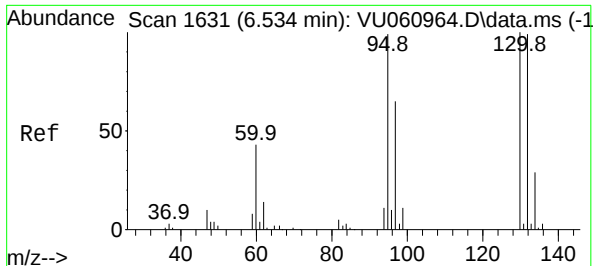
Tgt Ion: 117 Resp: 31110

Ion Ratio Lower Upper

117 100

119 96.5 76.3 114.5

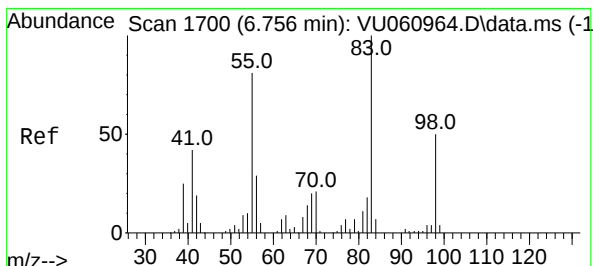
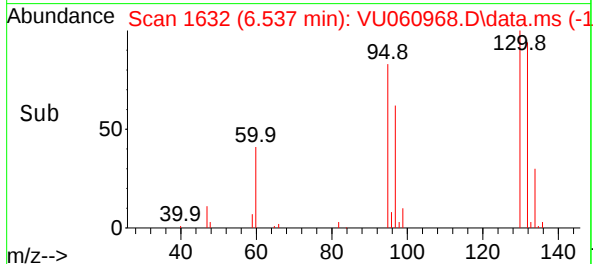
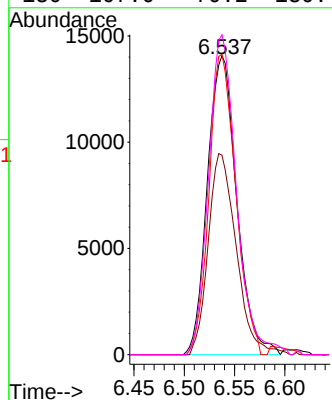
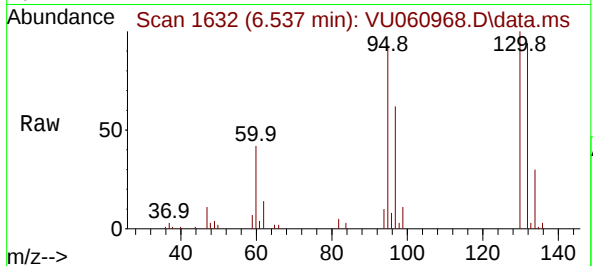




#34
Trichloroethene
Concen: 2.897 ug/L
RT: 6.537 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU060968.D
Acq: 23 Sep 2024 11:35

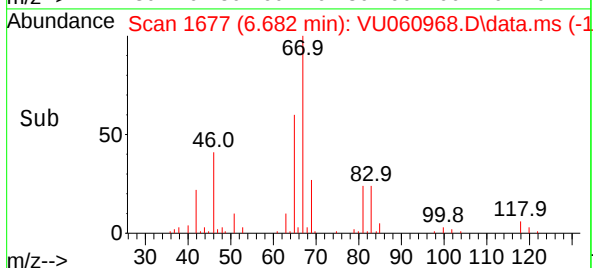
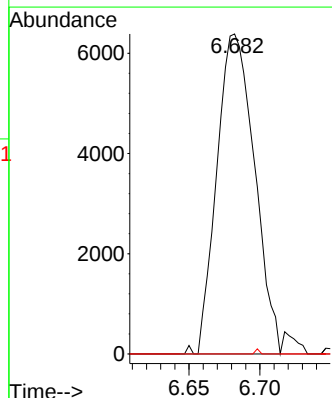
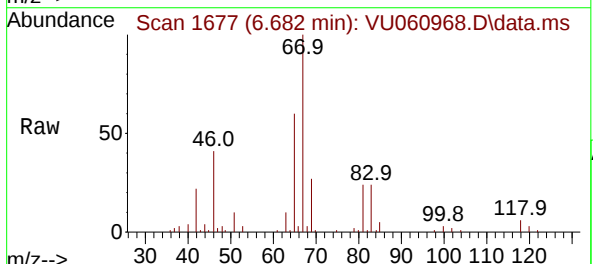
Instrument :
MSVOA_U
ClientSampleId :

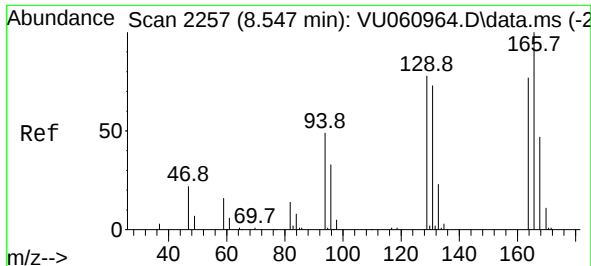
Tgt Ion: 95 Resp: 28564
Ion Ratio Lower Upper
95 100
97 66.7 44.9 83.5
132 100.4 63.5 117.9
130 107.0 70.2 130.4



#35
Methylcyclohexane
Concen: 0.873 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060968.D
Acq: 23 Sep 2024 11:35

Tgt Ion: 83 Resp: 11817
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.0 37.6 56.4#





#47

Tetrachloroethene

Concen: 1.804 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

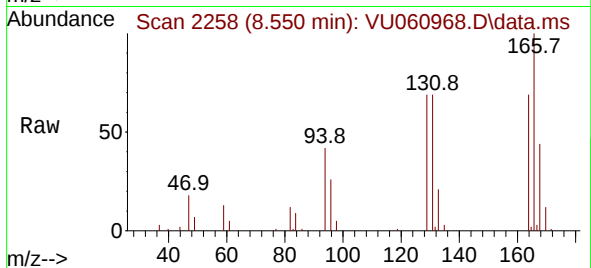
Lab File: VU060968.D

Acq: 23 Sep 2024 11:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 14135

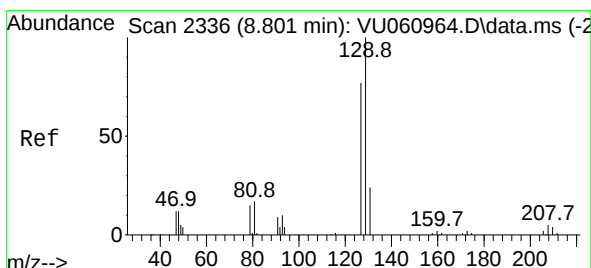
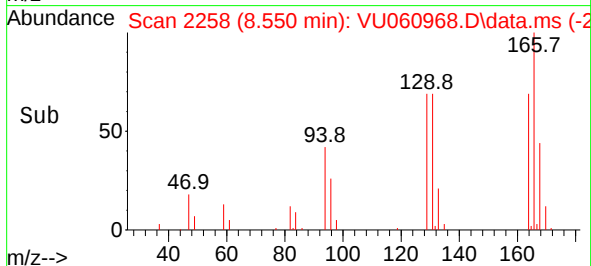
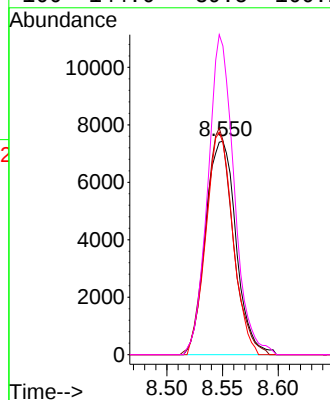
Ion Ratio Lower Upper

164 100

129 100.4 67.3 124.9

131 99.3 65.4 121.4

166 144.6 89.5 166.1



#49

Dibromochloromethane

Concen: 1.583 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU060968.D

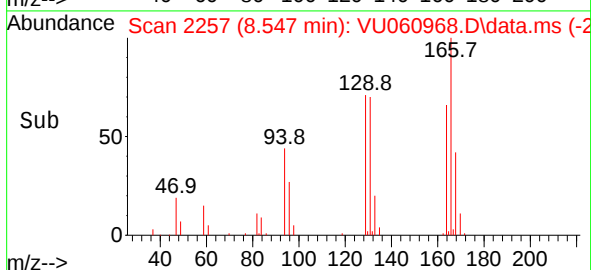
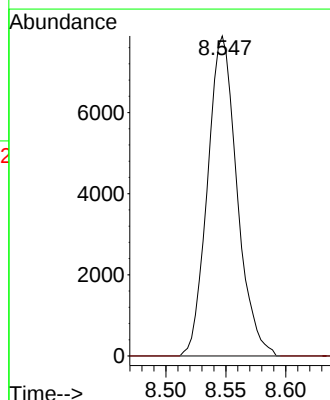
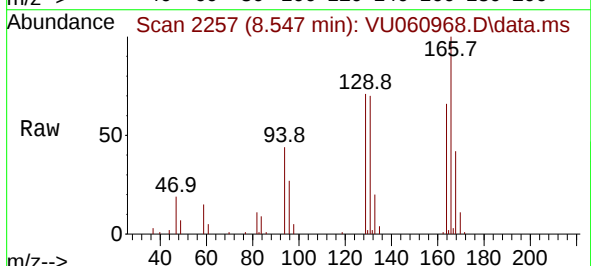
Acq: 23 Sep 2024 11:35

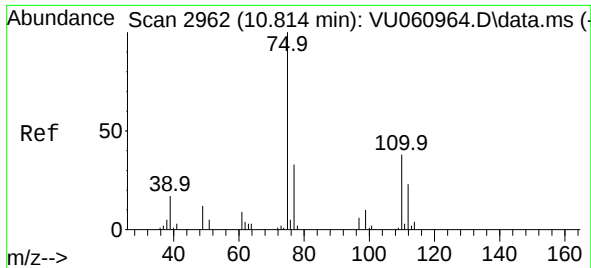
Tgt Ion:129 Resp: 13481

Ion Ratio Lower Upper

129 100

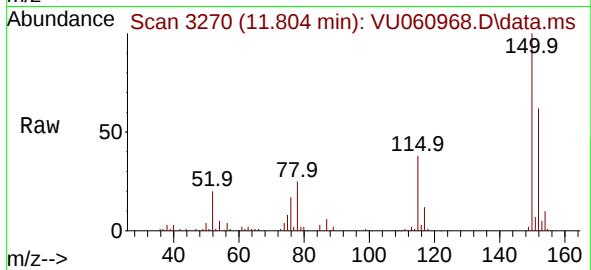
127 0.0 56.1 104.1#





#61
1,2,3-Trichloropropane
Concen: 1.305 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU060968.D
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Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	6315
Ion	Ratio	Lower	Upper
75	100		
110	0.3	28.6	43.0#
77	30.8	26.3	39.5

