

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060820.D
 Acq On : 17 Sep 2024 08:21
 Operator : MD/SY
 Sample : P3952-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 08:49:28 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

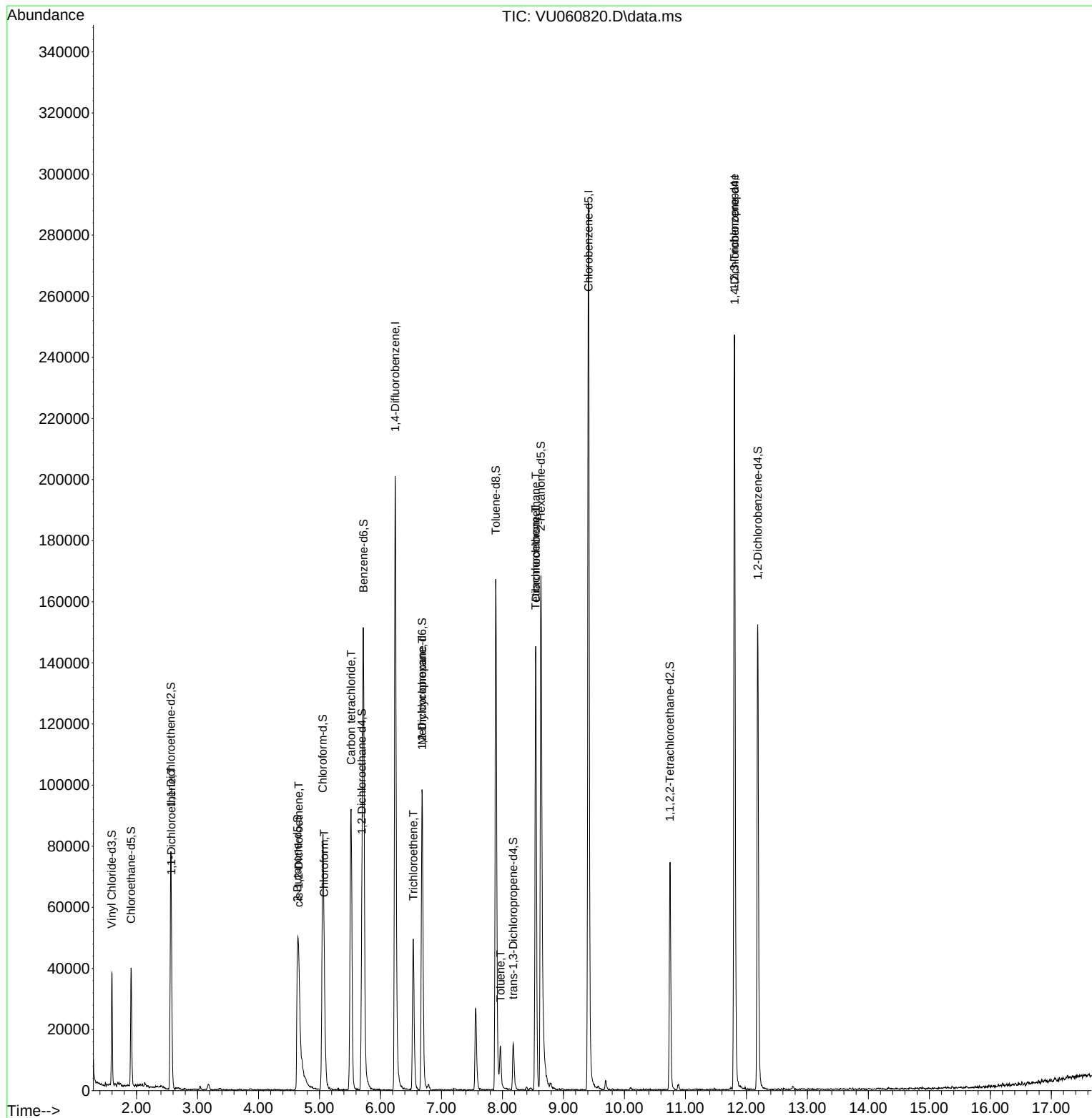
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	172317	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	184040	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	74635	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25214	1.627	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	32.600%#
7) Chloroethane-d5	1.911	69	29635	2.686	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	53.800%#
11) 1,1-Dichloroethene-d2	2.563	65	13953	2.540	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.800%#
20) 2-Butanone-d5	4.640	46	80172	32.222	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.440%
24) Chloroform-d	5.055	84	78528	3.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.200%#
26) 1,2-Dichloroethane-d4	5.695	65	39658	3.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
32) Benzene-d6	5.721	84	152180	3.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.800%#
36) 1,2-Dichloropropane-d6	6.685	67	50882	3.334	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	66.600%
41) Toluene-d8	7.891	98	124949	2.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.600%#
43) trans-1,3-Dichloroprop...	8.177	79	11252	2.048	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	41.000%#
46) 2-Hexanone-d5	8.631	63	60643	27.984	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	55.960%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	39945	3.341	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	66.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	46342	3.695	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	74.000%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	3982	0.367	ug/L #	1
22) cis-1,2-Dichloroethene	4.660	96	7016	0.564	ug/L	87
25) Chloroform	5.078	83	20466	0.870	ug/L	89
31) Carbon tetrachloride	5.518	117	67298	3.826	ug/L	98
34) Trichloroethene	6.541	95	18099	1.364	ug/L	94
35) Methylcyclohexane	6.682	83	11537	0.634	ug/L #	24
42) Toluene	7.968	91	11803	0.223	ug/L	98
47) Tetrachloroethene	8.544	164	34930	3.313	ug/L	97
49) Dibromochloromethane	8.547	129	32702	2.854	ug/L #	9
61) 1,2,3-Trichloropropane	11.804	75	8380	1.204	ug/L #	67

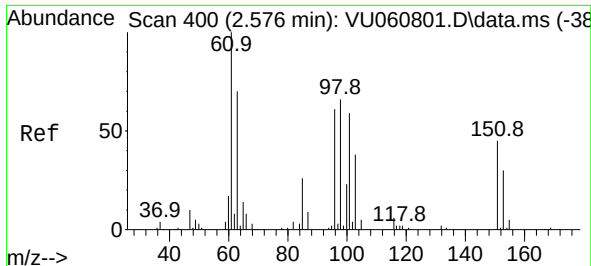
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.367 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU060820.D

Acq: 17 Sep 2024 08:21

Instrument :

MSVOA_U

ClientSampleId :

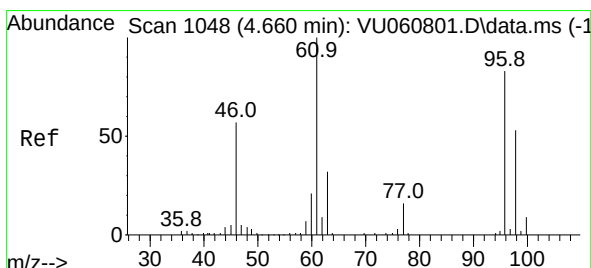
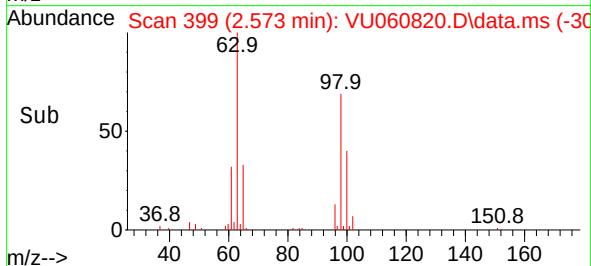
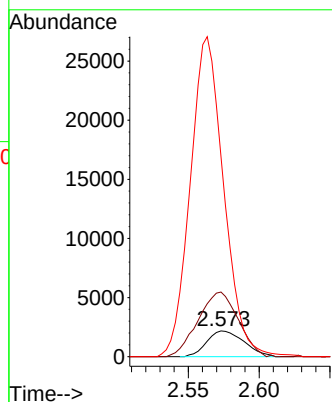
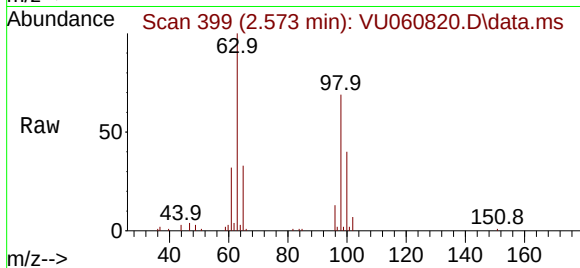
Tgt Ion: 96 Resp: 3982

Ion Ratio Lower Upper

96 100

61 222.6 120.7 224.1

63 688.1 90.0 167.2#



#22

cis-1,2-Dichloroethene

Concen: 0.564 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU060820.D

Acq: 17 Sep 2024 08:21

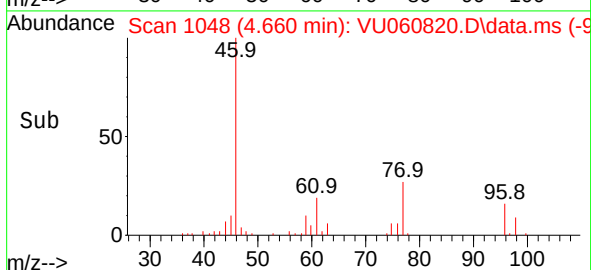
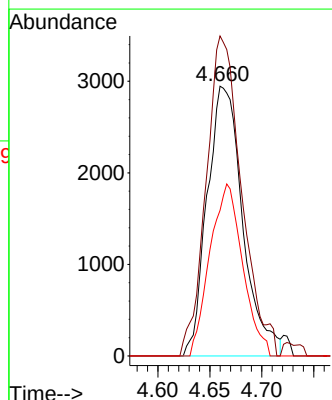
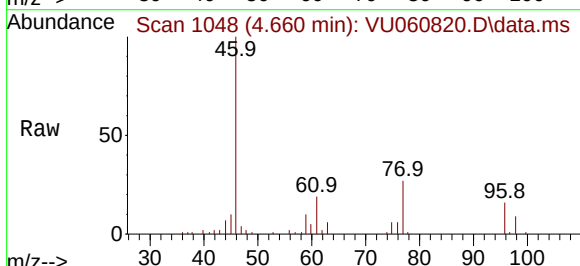
Tgt Ion: 96 Resp: 7016

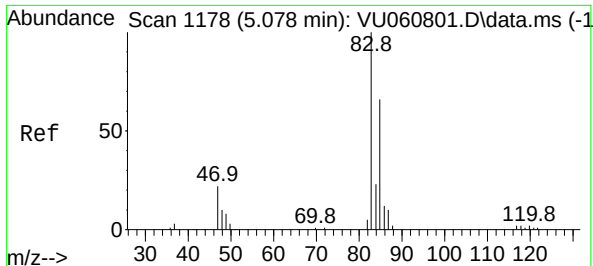
Ion Ratio Lower Upper

96 100

61 114.1 89.7 166.5

98 51.9 45.1 83.9

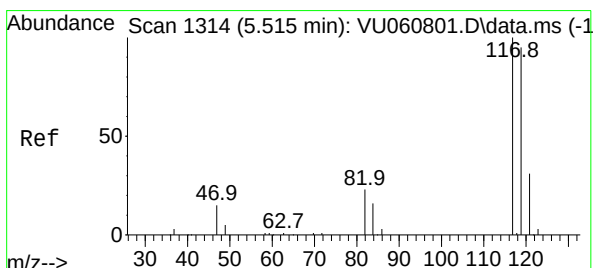
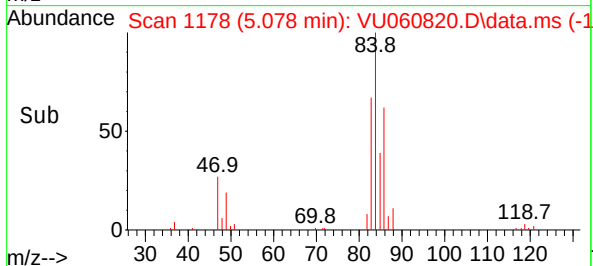
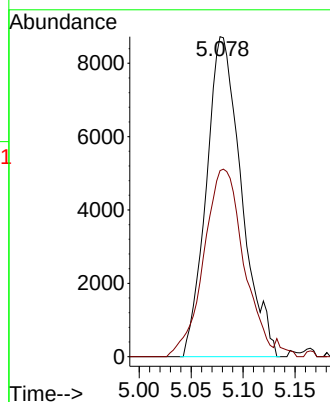
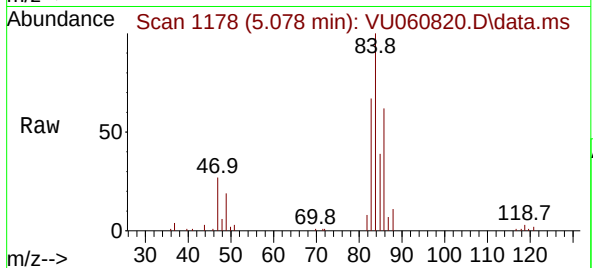




#25
Chloroform
Concen: 0.870 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU060820.D
Acq: 17 Sep 2024 08:21

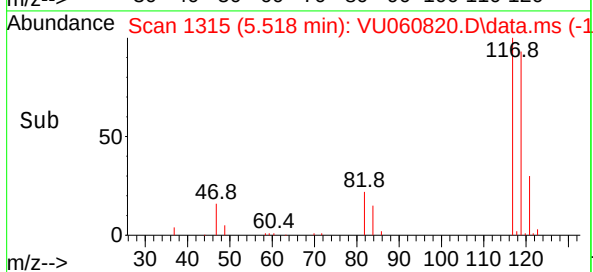
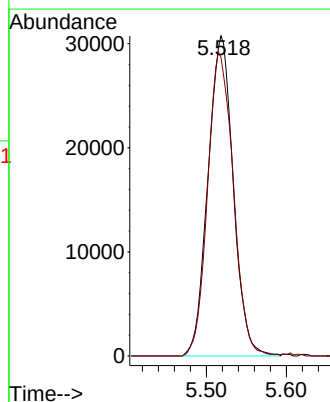
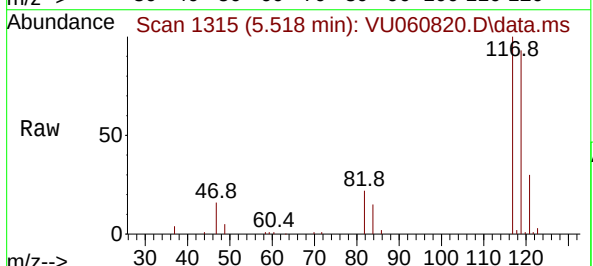
Instrument :
MSVOA_U
ClientSampleId :

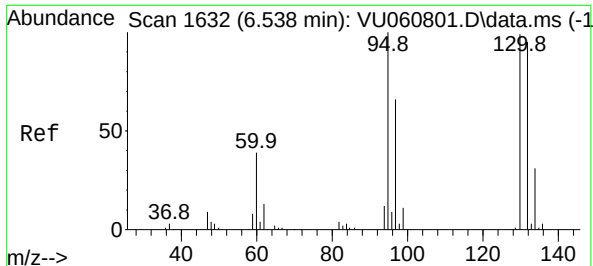
Tgt Ion: 83 Resp: 20466
Ion Ratio Lower Upper
83 100
85 58.1 46.8 86.8



#31
Carbon tetrachloride
Concen: 3.826 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU060820.D
Acq: 17 Sep 2024 08:21

Tgt Ion: 117 Resp: 67298
Ion Ratio Lower Upper
117 100
119 96.9 76.3 114.5

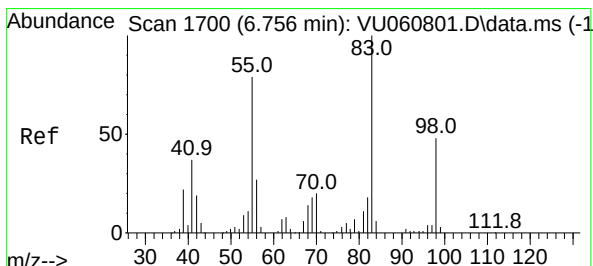
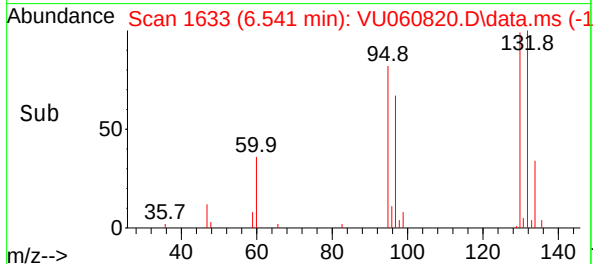
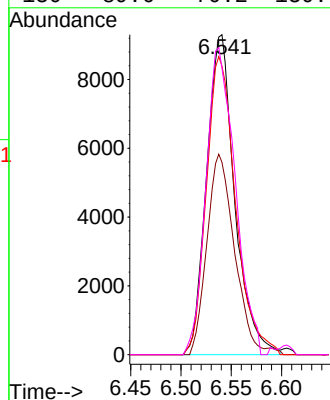
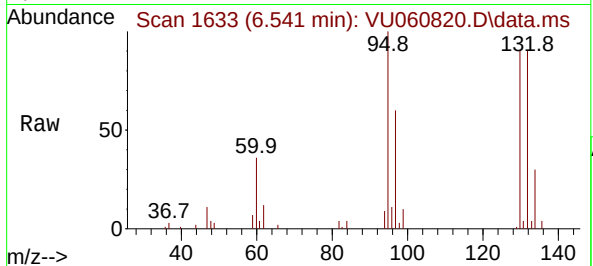




#34
Trichloroethene
Concen: 1.364 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU060820.D
Acq: 17 Sep 2024 08:21

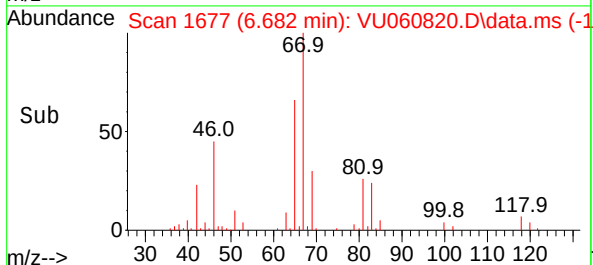
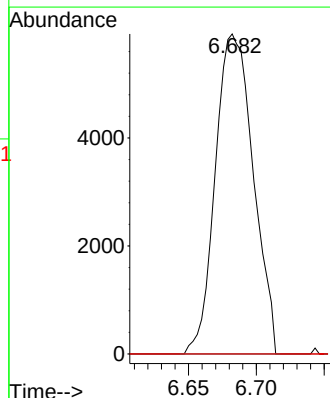
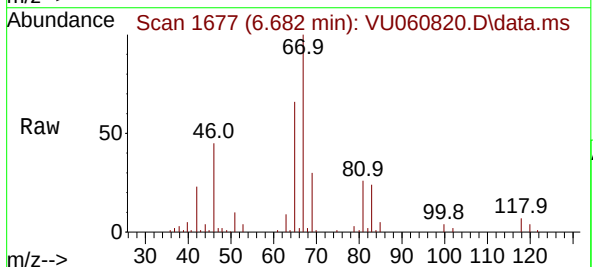
Instrument :
MSVOA_U
ClientSampleId :

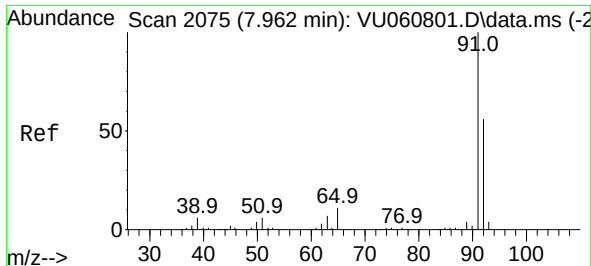
Tgt Ion: 95 Resp: 18099
Ion Ratio Lower Upper
95 100
97 60.1 44.9 83.5
132 90.2 63.5 117.9
130 89.6 70.2 130.4



#35
Methylcyclohexane
Concen: 0.634 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060820.D
Acq: 17 Sep 2024 08:21

Tgt Ion: 83 Resp: 11537
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 12.1 37.6 56.4#

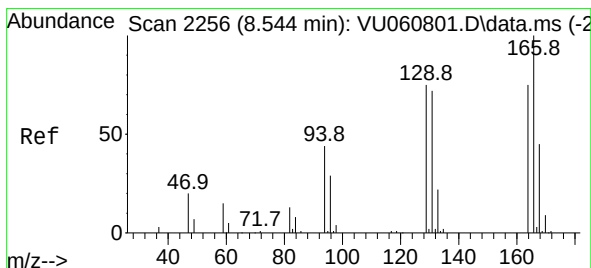
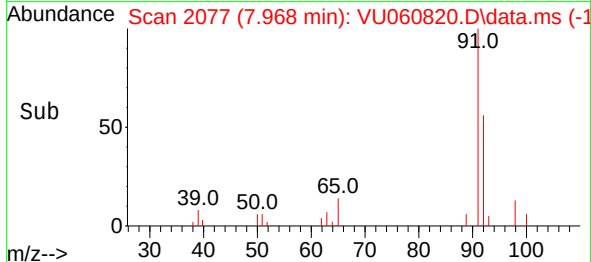
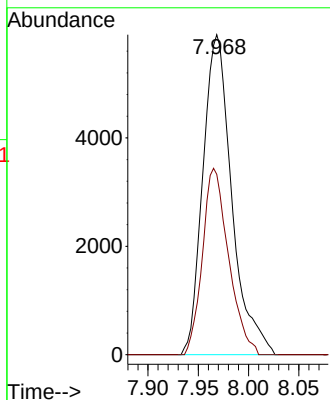
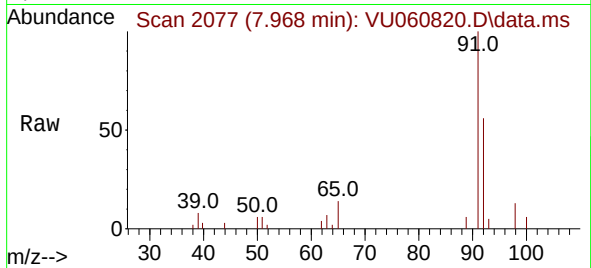




#42
Toluene
Concen: 0.223 ug/L
RT: 7.968 min Scan# 2075
Delta R.T. 0.006 min
Lab File: VU060820.D
Acq: 17 Sep 2024 08:21

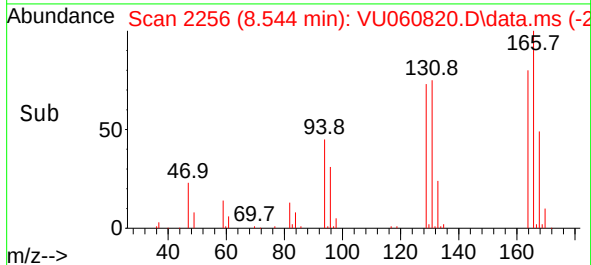
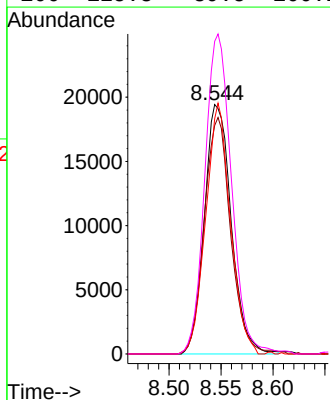
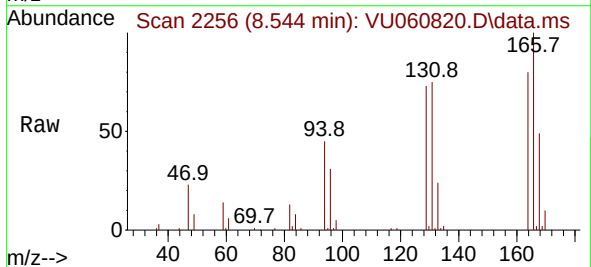
Instrument :
MSVOA_U
ClientSampleId :

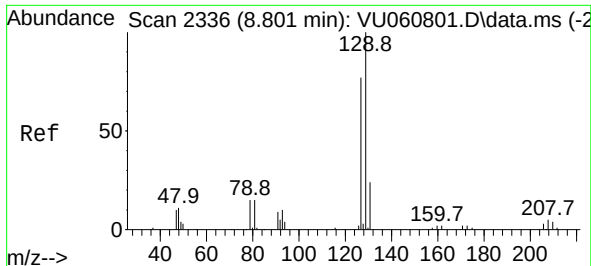
Tgt Ion: 91 Resp: 11803
Ion Ratio Lower Upper
91 100
92 56.4 40.5 75.3



#47
Tetrachloroethene
Concen: 3.313 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU060820.D
Acq: 17 Sep 2024 08:21

Tgt Ion:164 Resp: 34930
Ion Ratio Lower Upper
164 100
129 91.6 67.3 124.9
131 94.3 65.4 121.4
166 125.3 89.5 166.1





#49

Dibromochloromethane

Concen: 2.854 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU060820.D

Acq: 17 Sep 2024 08:21

Instrument :

MSVOA_U

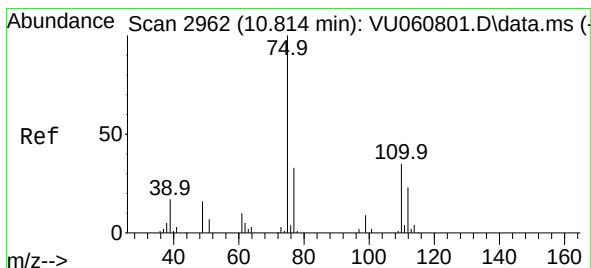
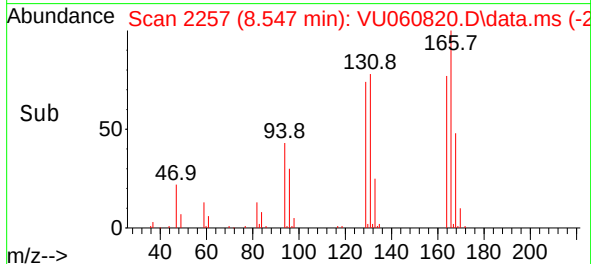
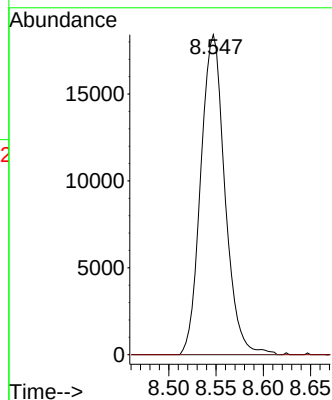
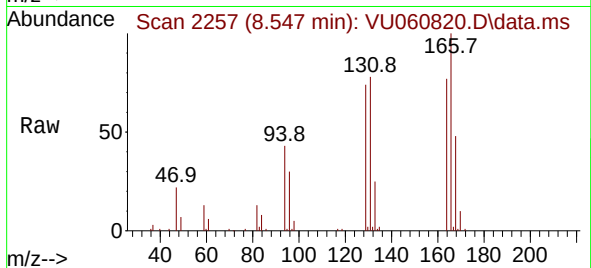
ClientSampleId :

Tgt Ion:129 Resp: 32702

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#



#61

1,2,3-Trichloropropane

Concen: 1.204 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU060820.D

Acq: 17 Sep 2024 08:21

Tgt Ion: 75 Resp: 8380

Ion Ratio Lower Upper

75 100

110 0.5 28.6 43.0#

77 31.0 26.3 39.5

