

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060794.D
 Acq On : 16 Sep 2024 21:02
 Operator : MD/SY
 Sample : P3967-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 01:58:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 01:47:23 2024
 Response via : Initial Calibration

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

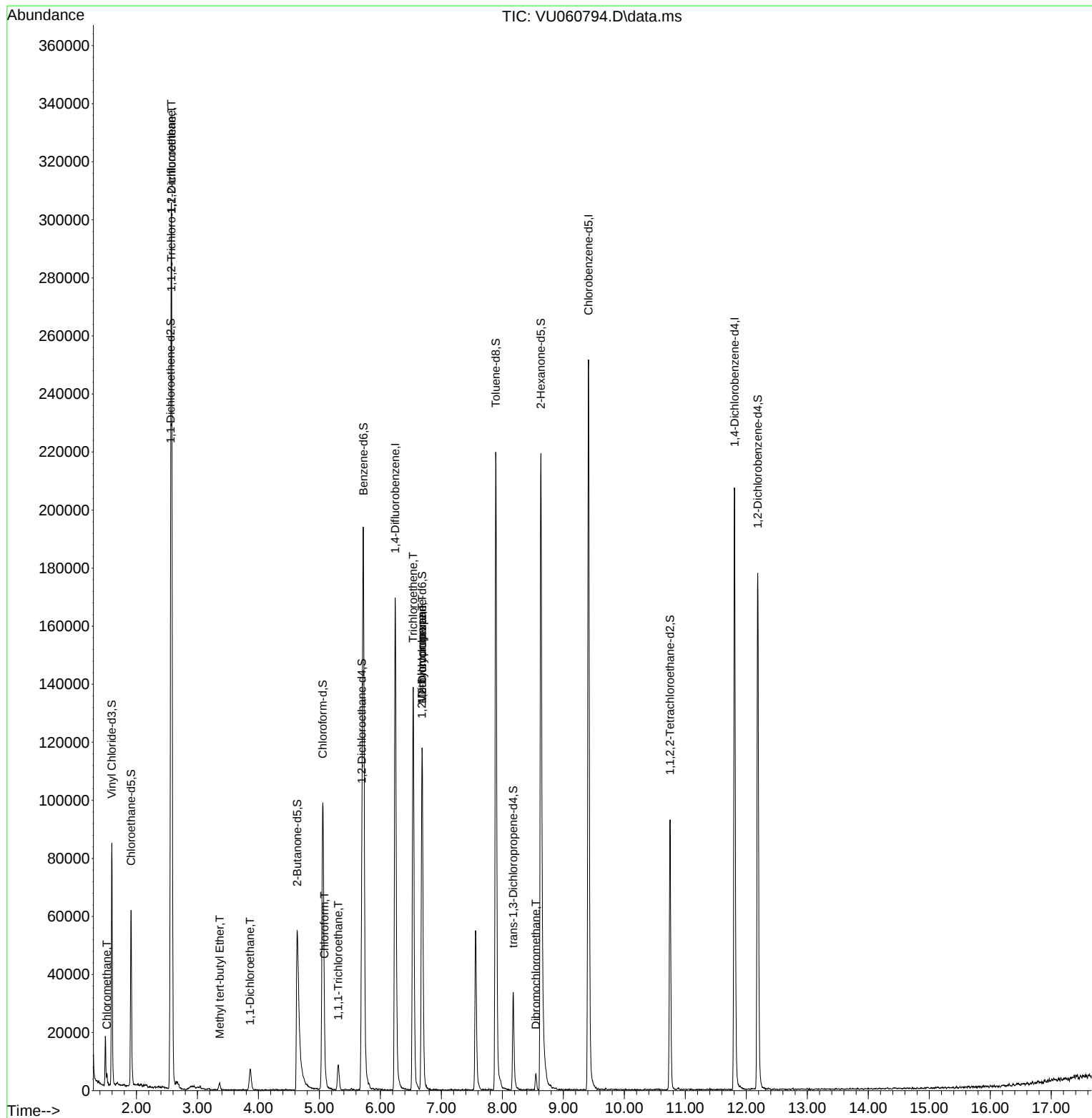
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	147564	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158244	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62534	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	59696	4.498	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.911	69	45216	4.785	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.560	65	23044	4.899	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	4.634	46	103905	48.765	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.540%
24) Chloroform-d	5.055	84	98840	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.695	65	49537	5.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.721	84	191979	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.682	67	62140	4.735	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.891	98	161981	4.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.177	79	21707	4.595	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.631	63	81979	43.996	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.000%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	48741	4.741	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	56435	5.371	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	2245	0.191	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	2087	0.205	ug/L #	65
12) 1,1-Dichloroethene	2.576	96	87792	9.458	ug/L #	77
17) Methyl tert-butyl Ether	3.364	73	2348	0.112	ug/L #	79
19) 1,1-Dichloroethane	3.862	63	8992	0.466	ug/L	92
25) Chloroform	5.081	83	5580	0.277	ug/L	85
29) 1,1,1-Trichloroethane	5.309	97	6614	0.387	ug/L #	75
34) Trichloroethene	6.538	95	50425	4.421	ug/L	97
35) Methylcyclohexane	6.682	83	14138	0.903	ug/L #	17
37) 1,2-Dichloropropane	6.679	63	6052	0.505	ug/L #	95
49) Dibromochloromethane	8.547	129	1395	0.142	ug/L #	9

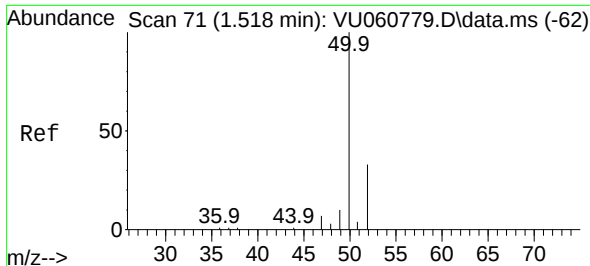
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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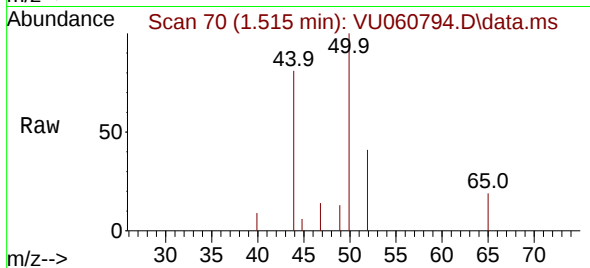
Quant Time: Sep 17 01:58:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
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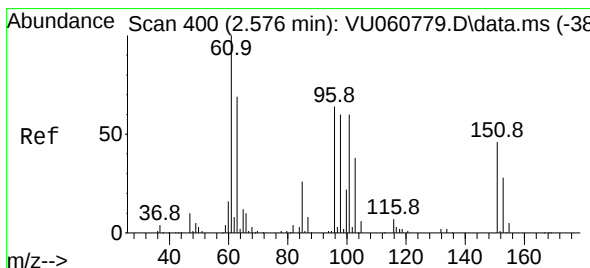
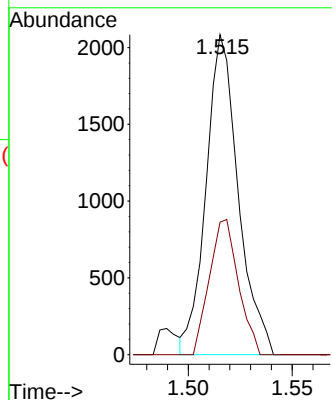
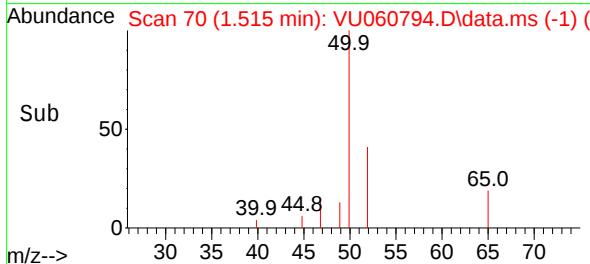


#3
Chloromethane
Concen: 0.191 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU060794.D
Acq: 16 Sep 2024 21:02

Instrument :
MSVOA_U
ClientSampleId :

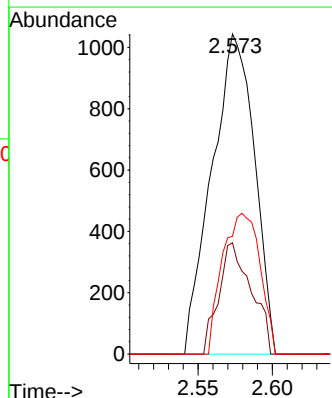
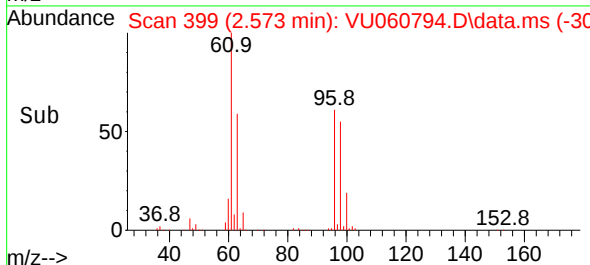
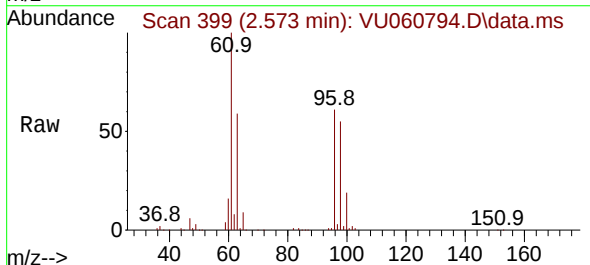


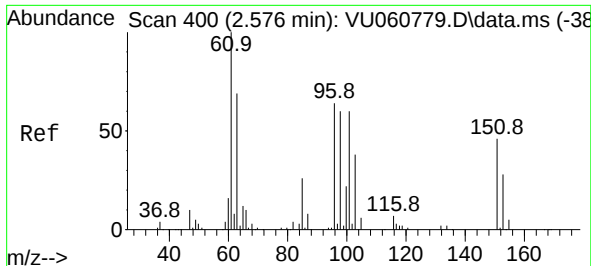
Tgt Ion: 50 Resp: 2245
Ion Ratio Lower Upper
50 100
52 41.4 24.4 45.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.205 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060794.D
Acq: 16 Sep 2024 21:02

Tgt Ion: 101 Resp: 2087
Ion Ratio Lower Upper
101 100
85 26.5 34.2 51.4#
151 38.8 58.6 88.0#





#12

1,1-Dichloroethene

Concen: 9.458 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

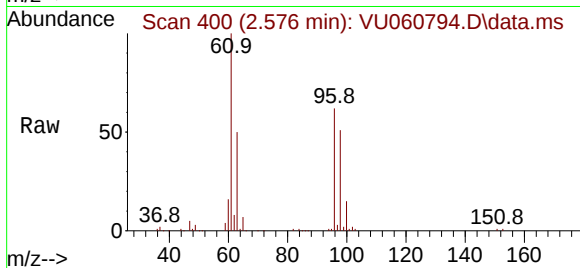
Lab File: VU060794.D

Acq: 16 Sep 2024 21:02

Instrument :

MSVOA_U

ClientSampleId :



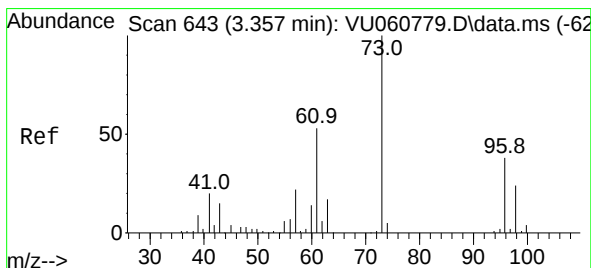
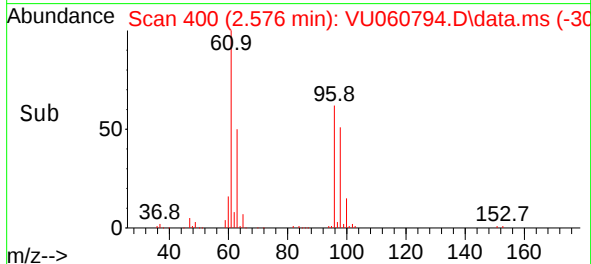
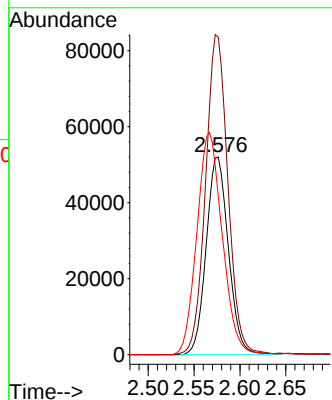
Tgt Ion: 96 Resp: 87792

Ion Ratio Lower Upper

96 100

61 160.7 120.7 224.1

63 80.2 90.0 167.2#



#17

Methyl tert-butyl Ether

Concen: 0.112 ug/L

RT: 3.364 min Scan# 645

Delta R.T. 0.007 min

Lab File: VU060794.D

Acq: 16 Sep 2024 21:02

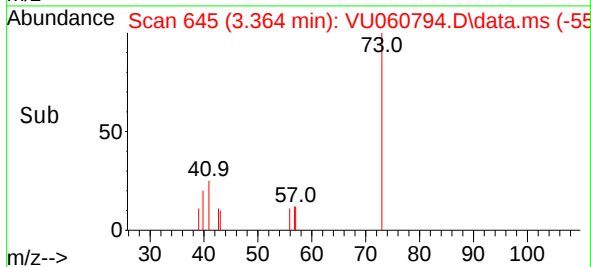
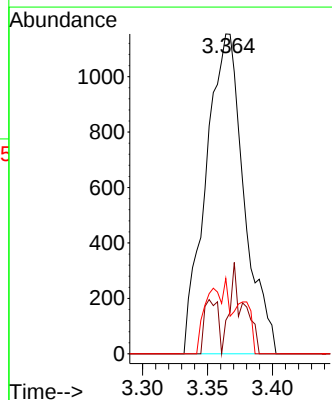
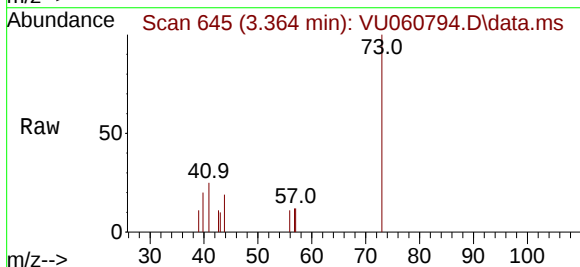
Tgt Ion: 73 Resp: 2348

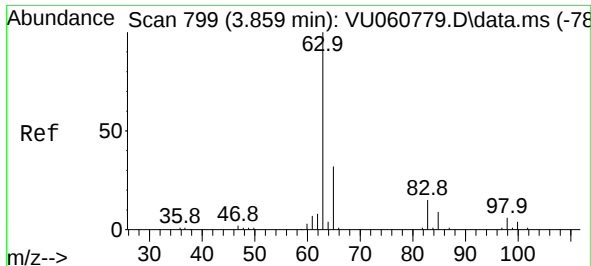
Ion Ratio Lower Upper

73 100

43 6.0 13.8 20.8#

57 14.1 18.0 27.0#





#19

1,1-Dichloroethane

Concen: 0.466 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU060794.D

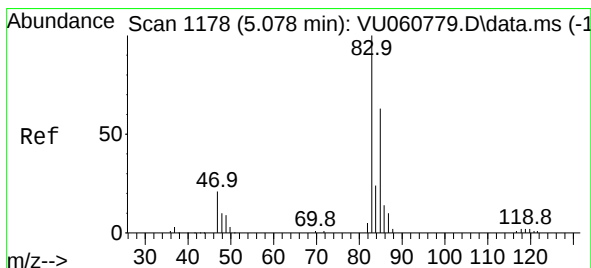
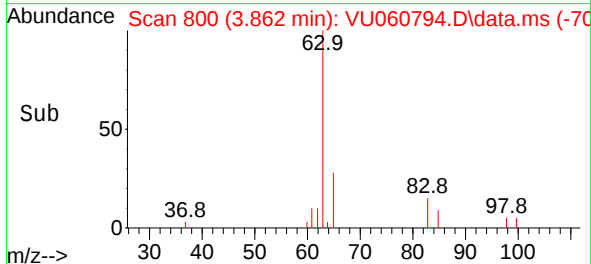
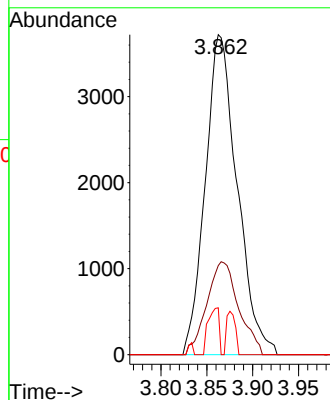
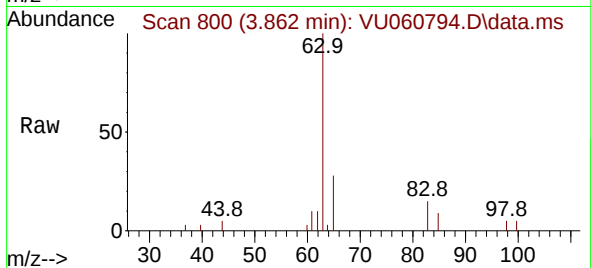
Acq: 16 Sep 2024 21:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 8992
Ion Ratio	Lower Upper
63	100
65	27.1 23.0 42.8
83	14.2 9.0 16.6



#25

Chloroform

Concen: 0.277 ug/L

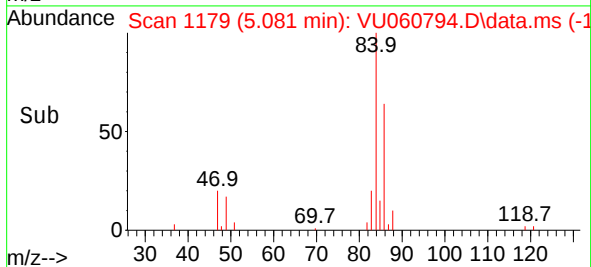
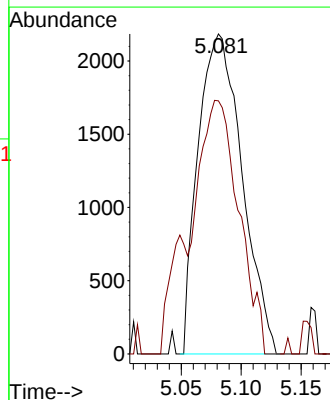
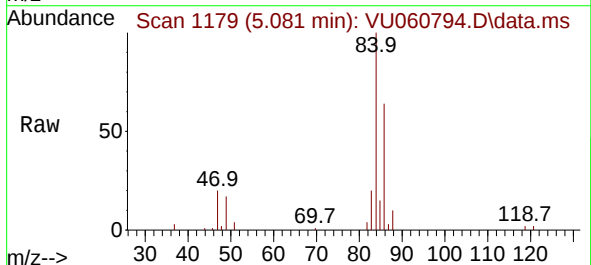
RT: 5.081 min Scan# 1179

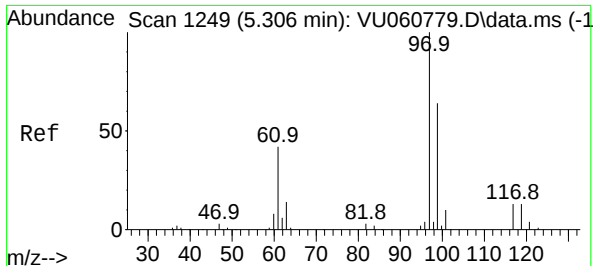
Delta R.T. 0.003 min

Lab File: VU060794.D

Acq: 16 Sep 2024 21:02

Tgt Ion: 83	Resp: 5580
Ion Ratio	Lower Upper
83	100
85	79.1 46.8 86.8





#29

1,1,1-Trichloroethane

Concen: 0.387 ug/L

RT: 5.309 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU060794.D

Acq: 16 Sep 2024 21:02

Instrument :

MSVOA_U

ClientSampleId :

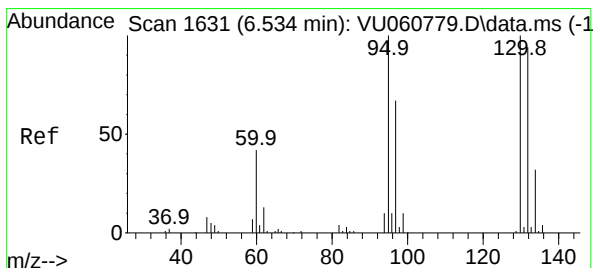
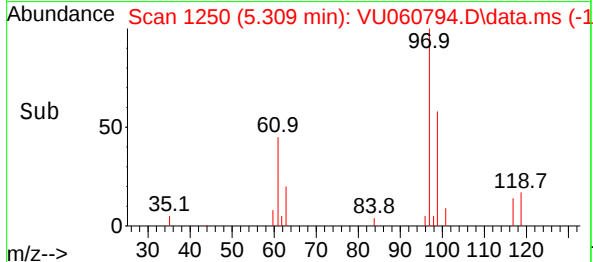
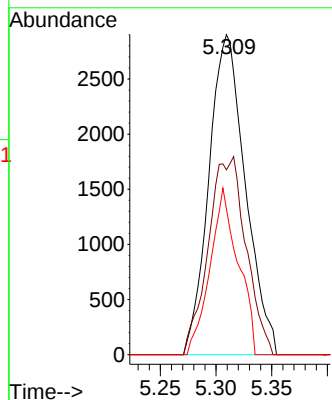
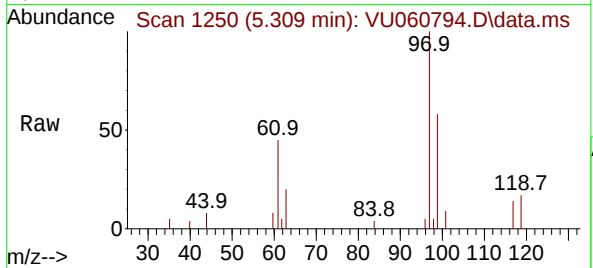
Tgt Ion: 97 Resp: 6614

Ion Ratio Lower Upper

97 100

99 33.3 50.5 75.7#

61 40.1 34.4 51.6



#34

Trichloroethene

Concen: 4.421 ug/L

RT: 6.538 min Scan# 1632

Delta R.T. 0.003 min

Lab File: VU060794.D

Acq: 16 Sep 2024 21:02

Tgt Ion: 95 Resp: 50425

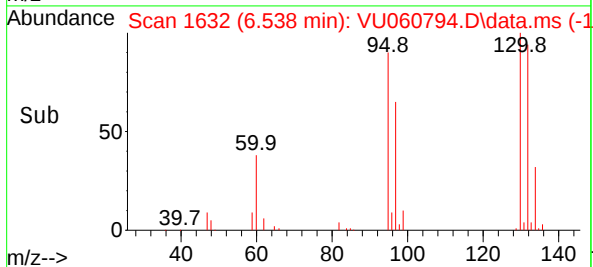
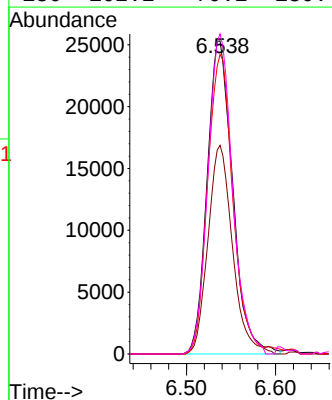
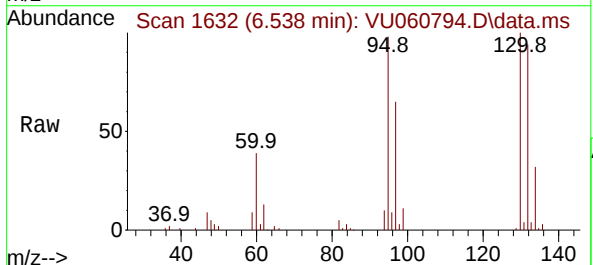
Ion Ratio Lower Upper

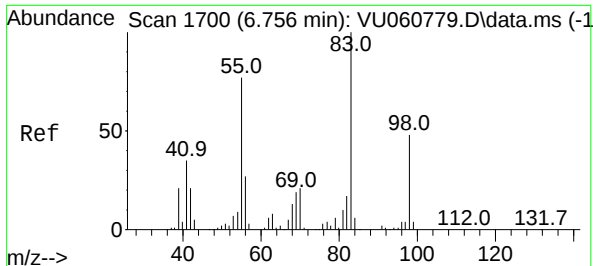
95 100

97 66.6 44.9 83.5

132 95.6 63.5 117.9

130 102.2 70.2 130.4

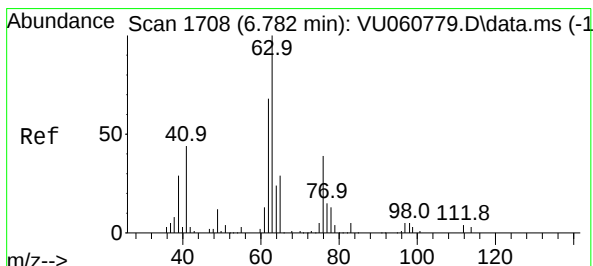
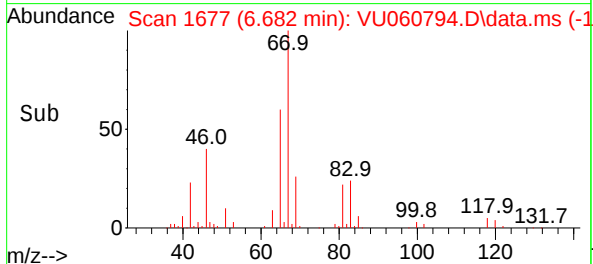
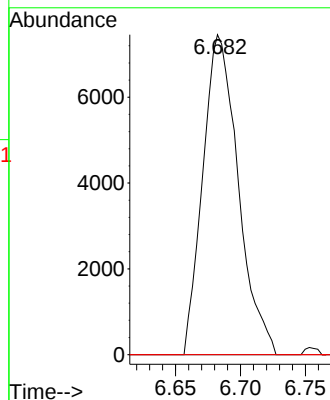
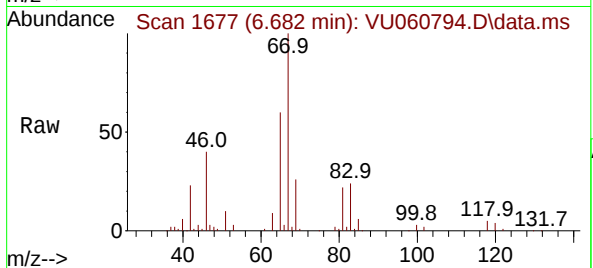




#35
Methylcyclohexane
Concen: 0.903 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060794.D
Acq: 16 Sep 2024 21:02

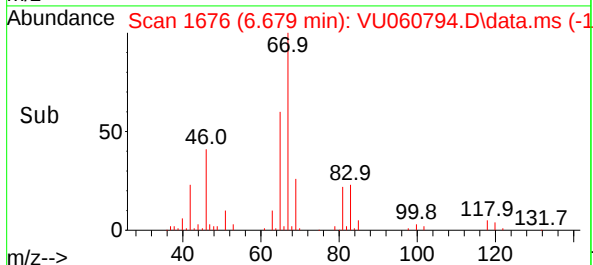
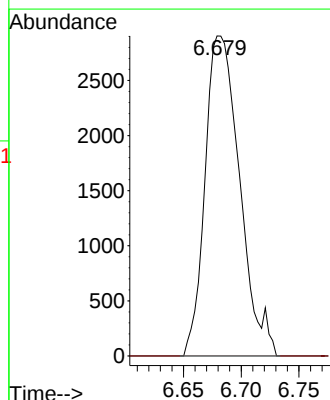
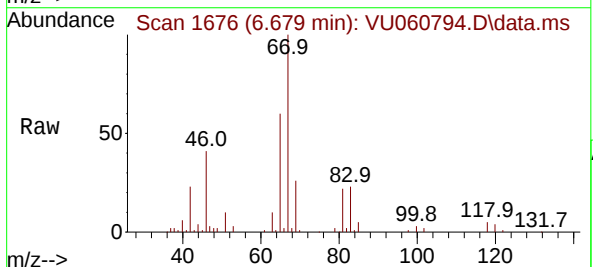
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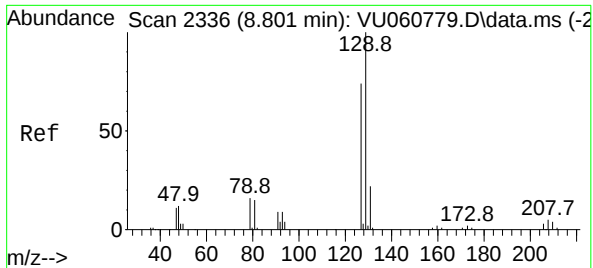
Tgt Ion: 83 Resp: 14138
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.0 37.6 56.4#



#37
1,2-Dichloropropane
Concen: 0.505 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU060794.D
Acq: 16 Sep 2024 21:02

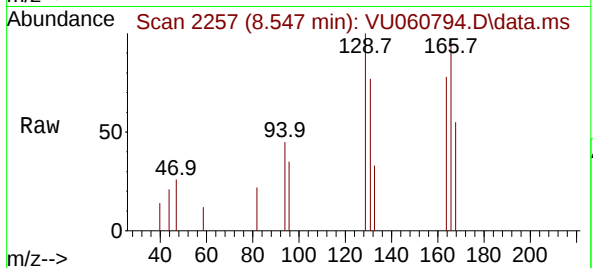
Tgt Ion: 63 Resp: 6052
Ion Ratio Lower Upper
63 100
112 0.7 2.0 3.0#





#49
 Dibromochloromethane
 Concen: 0.142 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.254 min
 Lab File: VU060794.D
 Acq: 16 Sep 2024 21:02

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:129 Resp: 1395
 Ion Ratio Lower Upper
 129 100
 127 0.0 56.1 104.1#

