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 Data File : VU060768.D
 Acq On : 13 Sep 2024 21:11
 Operator : MD/SY
 Sample : P3967-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 14 00:38:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 14 00:33:41 2024
 Response via : Initial Calibration

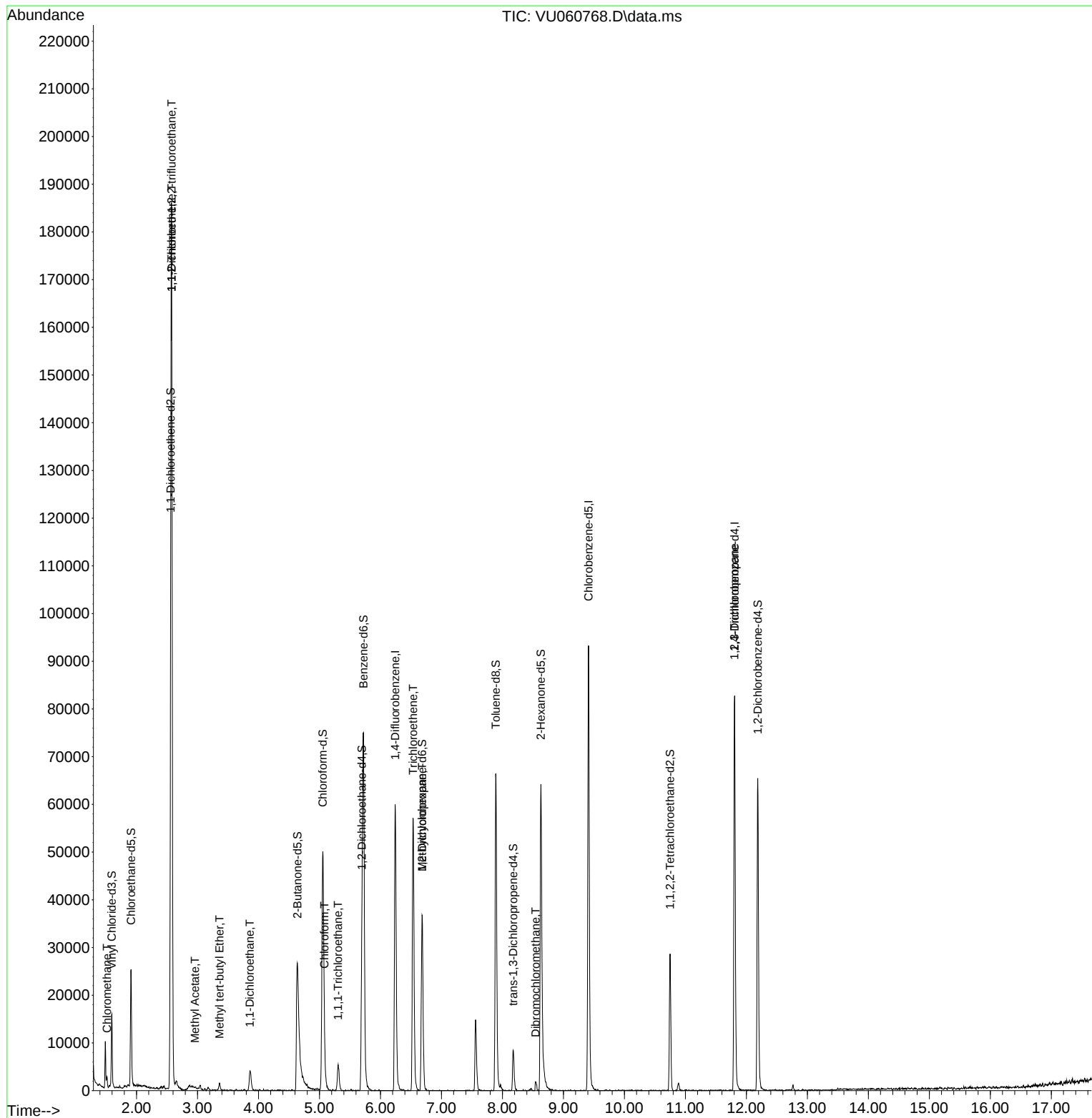
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	50181	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	53284	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	24694	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	10543	4.757	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.911	69	17939	5.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.800%
11) 1,1-Dichloroethene-d2	2.560	65	8410	6.438	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	128.800%#
20) 2-Butanone-d5	4.637	46	50821	66.680	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.360%#
24) Chloroform-d	5.055	84	48961	7.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	155.000%#
26) 1,2-Dichloroethane-d4	5.695	65	22629	6.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	137.200%#
32) Benzene-d6	5.721	84	70185	6.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.400%
36) 1,2-Dichloropropane-d6	6.685	67	17012	4.525	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.891	98	47362	4.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	8.177	79	5914	4.396	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.631	63	21939	34.062	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.120%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	13550	4.051	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	18258	5.014	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	1463	0.297	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	1193	0.267	ug/L #	67
12) 1,1-Dichloroethene	2.576	96	55641	13.529	ug/L #	84
15) Methyl Acetate	2.959	43	305	0.234	ug/L #	48
17) Methyl tert-butyl Ether	3.361	73	1696	0.203	ug/L #	83
19) 1,1-Dichloroethane	3.859	63	5516	0.760	ug/L	98
25) Chloroform	5.081	83	3692	0.481	ug/L	87
29) 1,1,1-Trichloroethane	5.306	97	4249	0.582	ug/L #	90
34) Trichloroethene	6.537	95	19351	4.224	ug/L	97
35) Methylcyclohexane	6.685	83	4127	0.657	ug/L #	16
49) Dibromochloromethane	8.544	129	584	0.161	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	2723	1.143	ug/L #	67

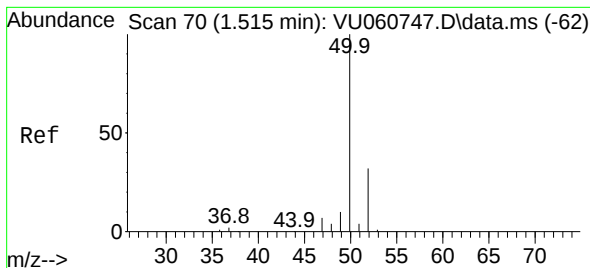
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.297 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU060768.D

Acq: 13 Sep 2024 21:11

Instrument :

MSVOA_U

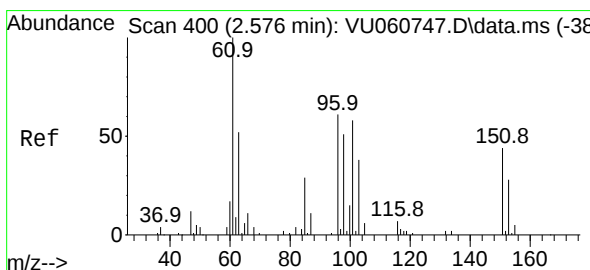
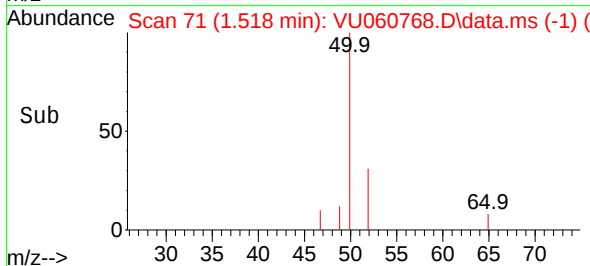
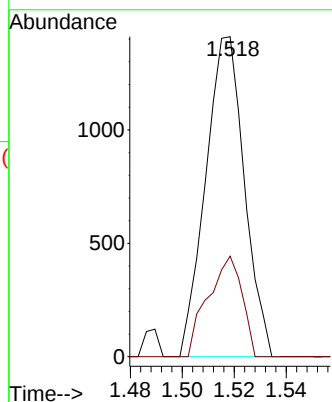
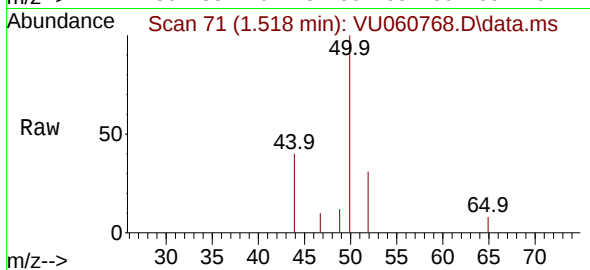
ClientSampleId :

Tgt Ion: 50 Resp: 1463

Ion Ratio Lower Upper

50 100

52 31.4 22.7 42.1



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.267 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU060768.D

Acq: 13 Sep 2024 21:11

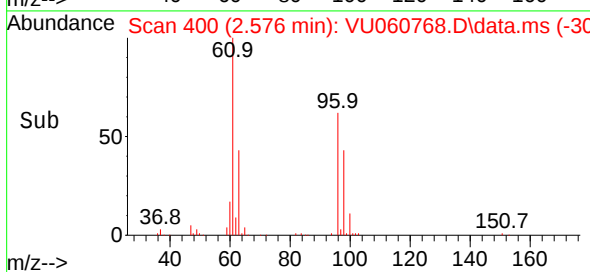
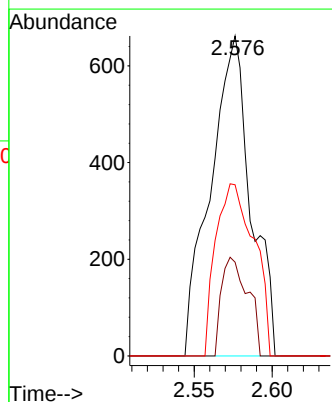
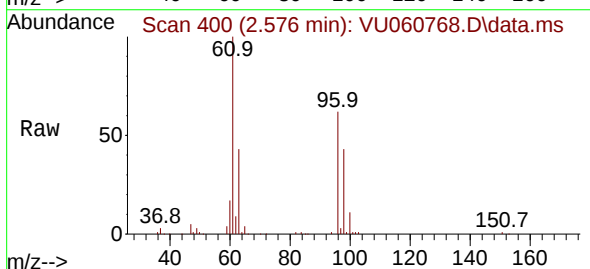
Tgt Ion:101 Resp: 1193

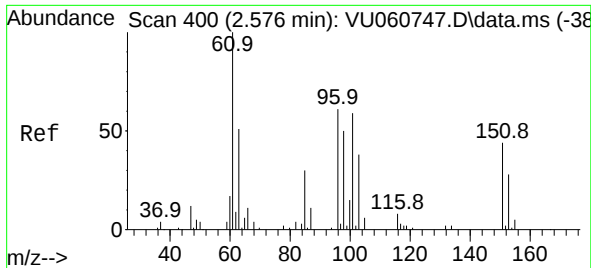
Ion Ratio Lower Upper

101 100

85 20.0 35.8 53.6#

151 51.0 61.7 92.5#

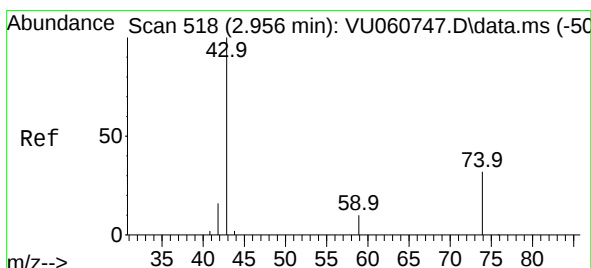
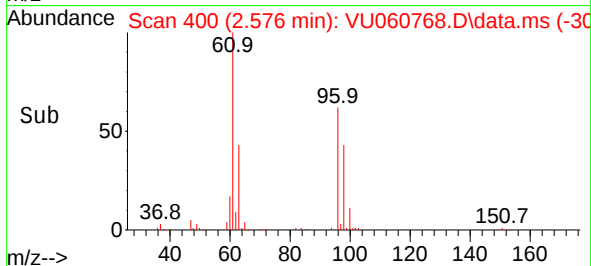
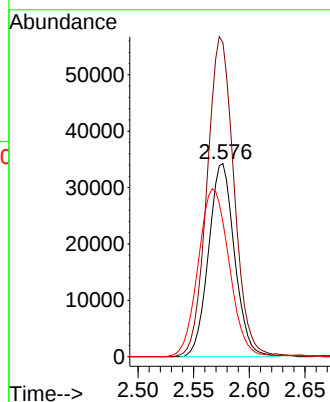
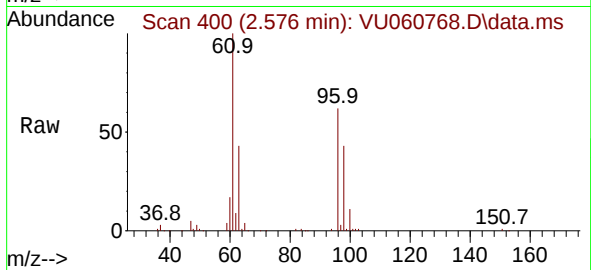




#12
1,1-Dichloroethene
Concen: 13.529 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU060768.D
Acq: 13 Sep 2024 21:11

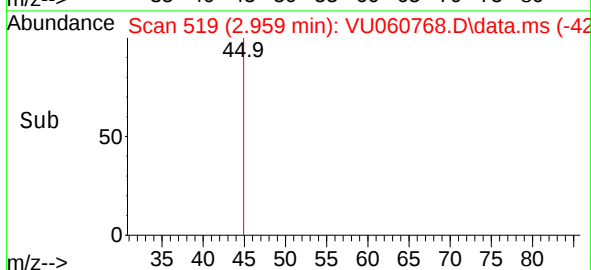
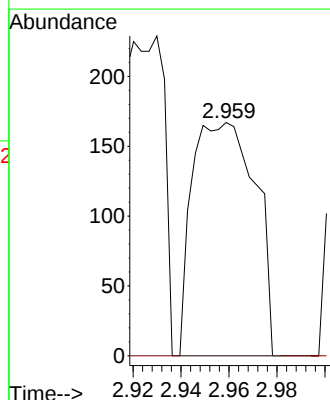
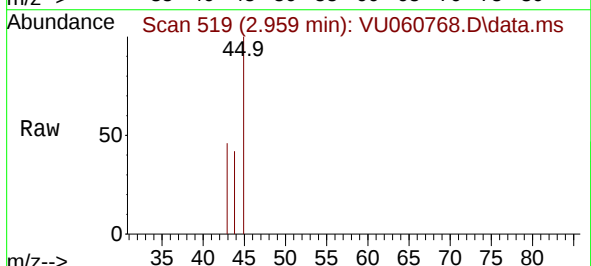
Instrument :
MSVOA_U
ClientSampleId :

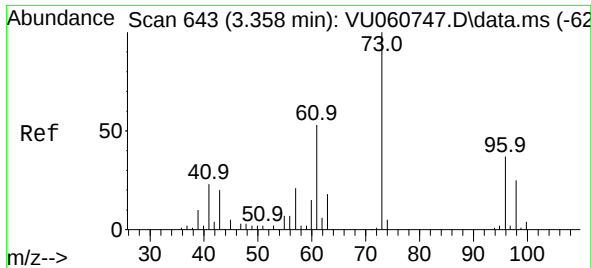
Tgt Ion: 96 Resp: 55641
Ion Ratio Lower Upper
96 100
61 162.6 116.4 216.2
63 69.7 74.8 139.0#



#15
Methyl Acetate
Concen: 0.234 ug/L
RT: 2.959 min Scan# 519
Delta R.T. 0.003 min
Lab File: VU060768.D
Acq: 13 Sep 2024 21:11

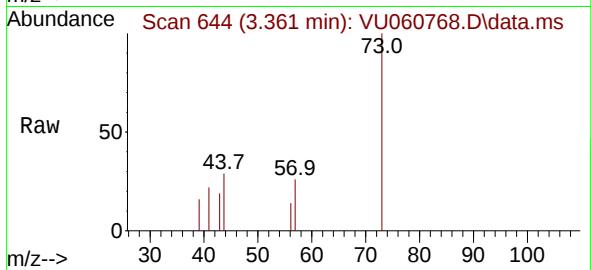
Tgt Ion: 43 Resp: 305
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.2#



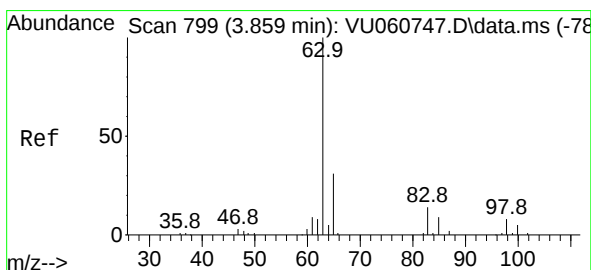
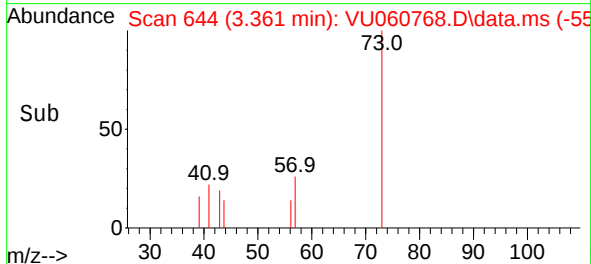
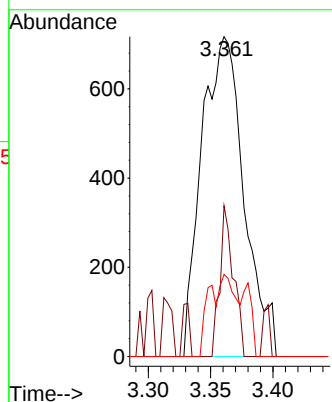


#17
Methyl tert-butyl Ether
Concen: 0.203 ug/L
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU060768.D
Acq: 13 Sep 2024 21:11

Instrument :
MSVOA_U
ClientSampleId :

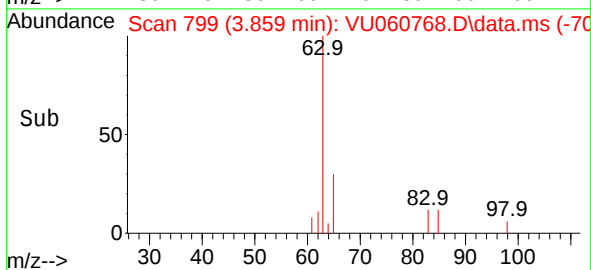
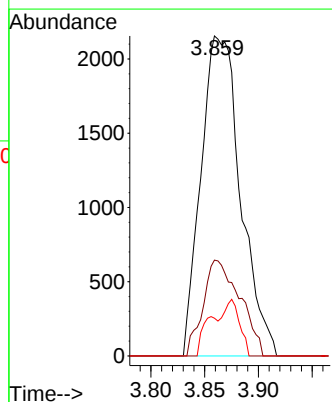
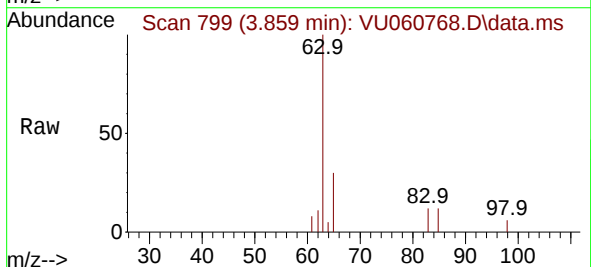


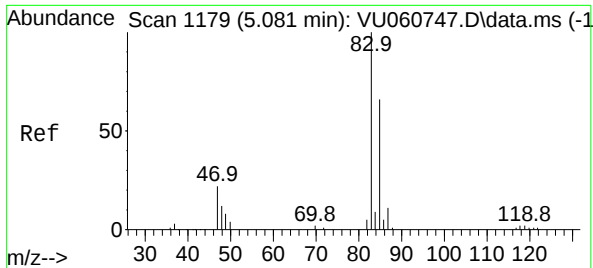
Tgt Ion: 73 Resp: 1696
Ion Ratio Lower Upper
73 100
43 15.2 15.8 23.6#
57 10.3 16.8 25.2#



#19
1,1-Dichloroethane
Concen: 0.760 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060768.D
Acq: 13 Sep 2024 21:11

Tgt Ion: 63 Resp: 5516
Ion Ratio Lower Upper
63 100
65 29.9 20.5 38.1
83 11.8 9.2 17.2

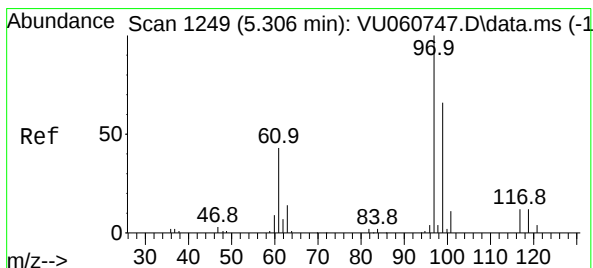
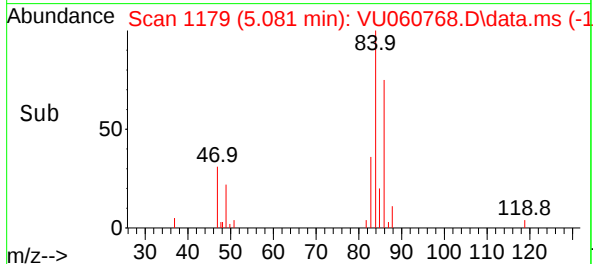
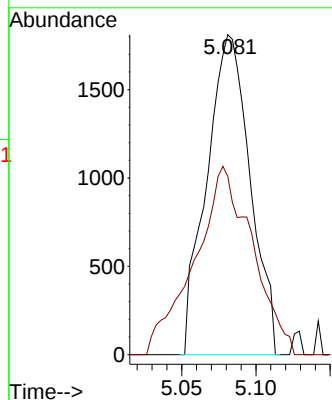
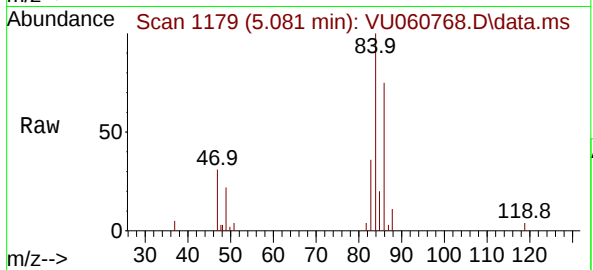




#25
Chloroform
Concen: 0.481 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU060768.D
Acq: 13 Sep 2024 21:11

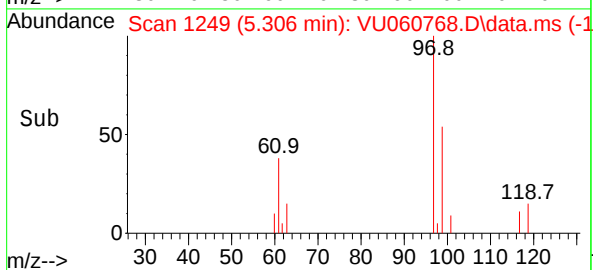
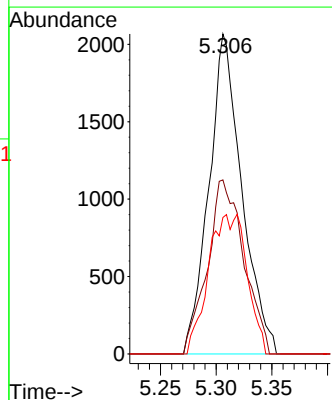
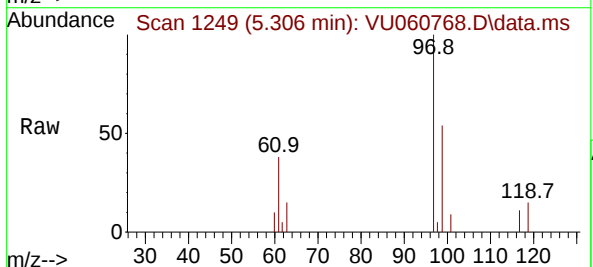
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ClientSampleId :

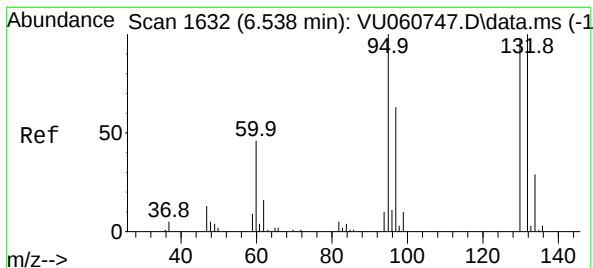
Tgt Ion: 83 Resp: 3692
Ion Ratio Lower Upper
83 100
85 55.8 46.4 86.2



#29
1,1,1-Trichloroethane
Concen: 0.582 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU060768.D
Acq: 13 Sep 2024 21:11

Tgt Ion: 97 Resp: 4249
Ion Ratio Lower Upper
97 100
99 60.3 49.7 74.5
61 30.1 35.4 53.2#





#34

Trichloroethene

Concen: 4.224 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

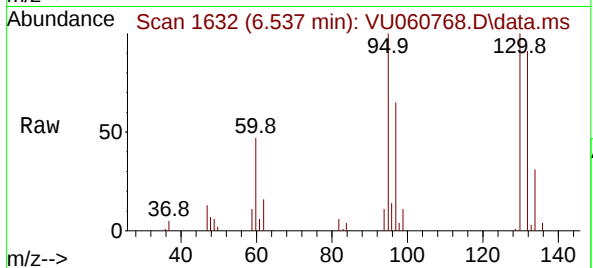
Lab File: VU060768.D

Acq: 13 Sep 2024 21:11

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 19351

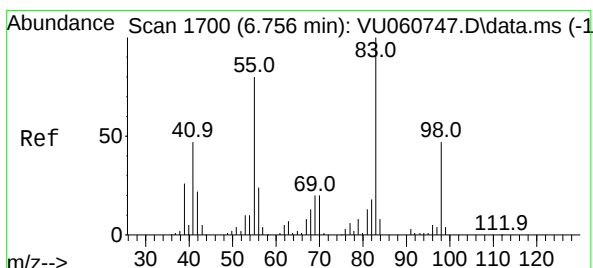
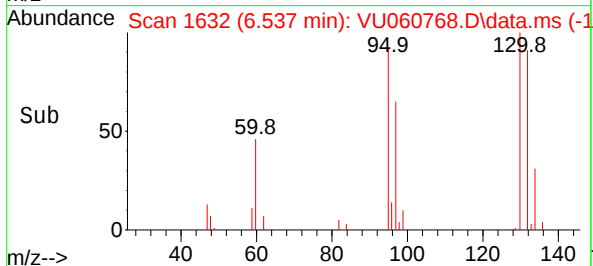
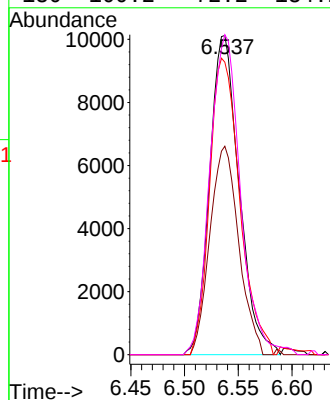
Ion Ratio Lower Upper

95 100

97 65.3 45.8 85.2

132 91.6 67.4 125.2

130 100.2 72.2 134.2



#35

Methylcyclohexane

Concen: 0.657 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU060768.D

Acq: 13 Sep 2024 21:11

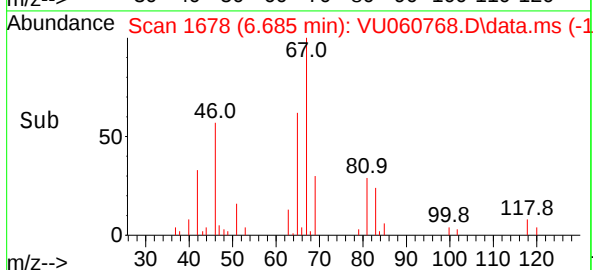
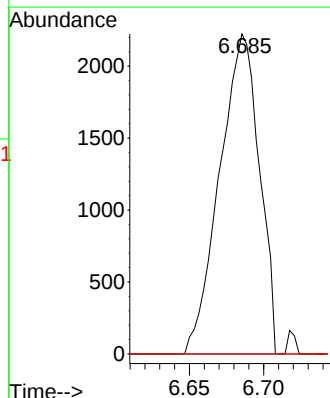
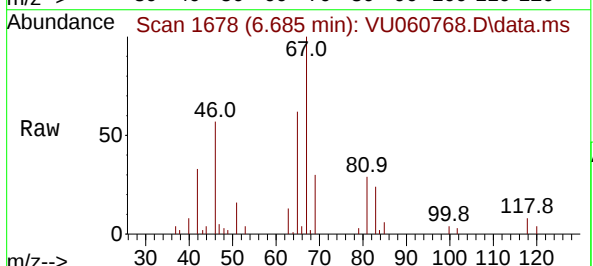
Tgt Ion: 83 Resp: 4127

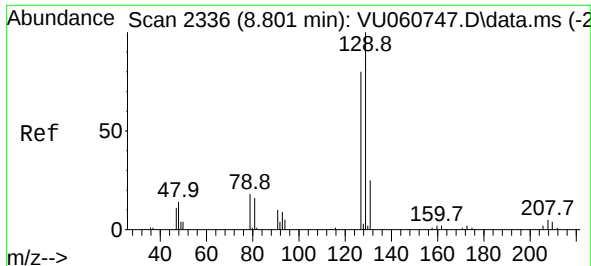
Ion Ratio Lower Upper

83 100

55 0.0 65.8 98.8#

98 0.0 37.8 56.8#





#49

Dibromochloromethane

Concen: 0.161 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU060768.D

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Instrument :

MSVOA_U

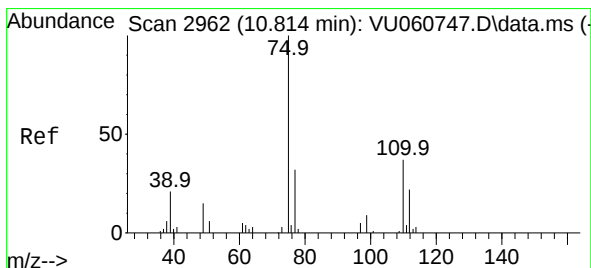
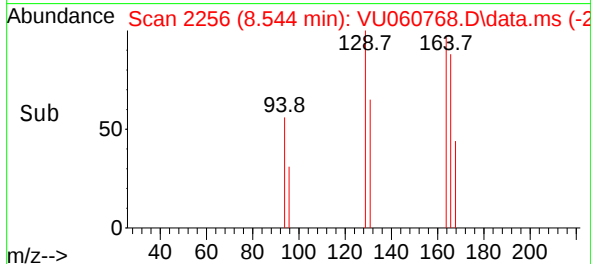
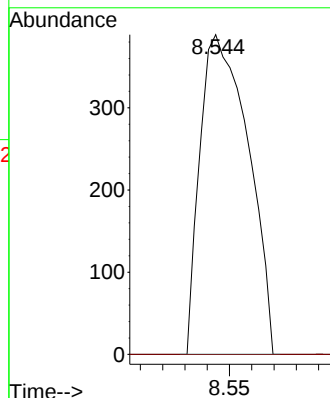
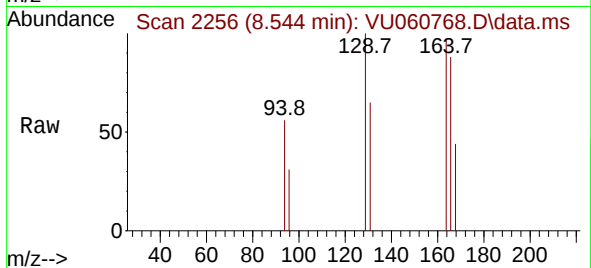
ClientSampleId :

Tgt Ion:129 Resp: 584

Ion Ratio Lower Upper

129 100

127 0.0 53.0 98.4#



#61

1,2,3-Trichloropropane

Concen: 1.143 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU060768.D

Acq: 13 Sep 2024 21:11

Tgt Ion: 75 Resp: 2723

Ion Ratio Lower Upper

75 100

110 1.9 30.2 45.4#

77 31.0 25.4 38.2

