

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057518.D
 Acq On : 15 Jan 2024 10:30
 Operator : MD/SY
 Sample : VU0115WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:32:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 00:31:32 2024
 Response via : Initial Calibration

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

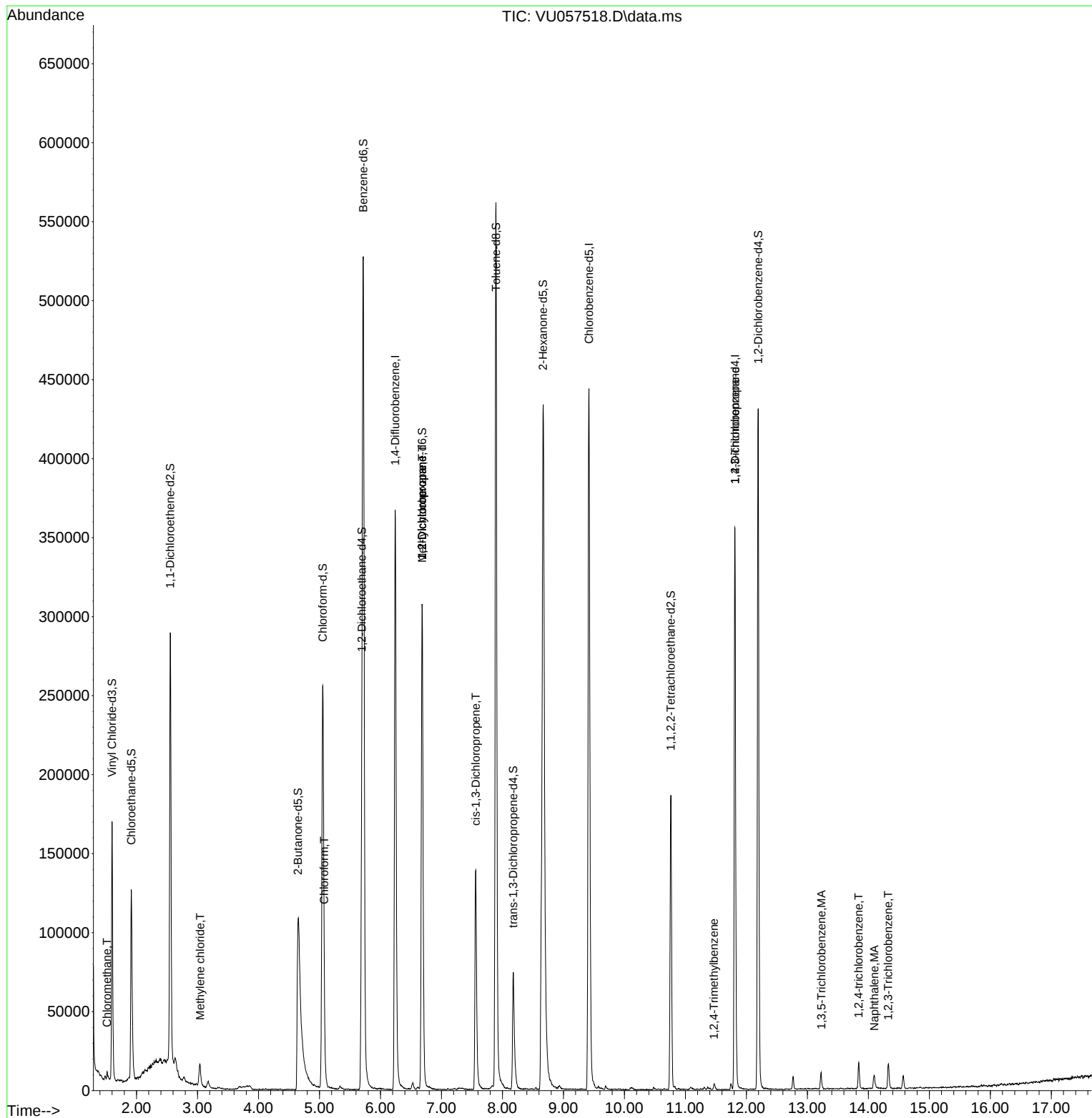
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	296652	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	295761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	87074	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	132166	4.391	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.800%	
7) Chloroethane-d5	1.914	69	115272	4.922	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.400%	
11) 1,1-Dichloroethene-d2	2.554	65	55435	4.356	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.200%	
20) 2-Butanone-d5	4.650	46	294488	51.727	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.460%	
24) Chloroform-d	5.052	84	244559	4.703	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	5.695	65	127513	5.091	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.800%	
32) Benzene-d6	5.717	84	490178	4.544	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
36) 1,2-Dichloropropane-d6	6.682	67	153336	4.559	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.200%	
41) Toluene-d8	7.894	98	392541	4.311	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.200%	
43) trans-1,3-Dichloroprop...	8.177	79	53679	4.591	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.666	63	209502	49.486	ug/L	0.04
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.980%	
56) 1,1,2,2-Tetrachloroeth...	10.762	84	94966	4.180	ug/L	0.01
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	102851	5.882	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	117.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	3422	0.136	ug/L	94
16) Methylene chloride	3.042	84	7262	0.310	ug/L	99
25) Chloroform	5.078	83	9462	0.235	ug/L	96
35) Methylcyclohexane	6.685	83	35323	1.164	ug/L #	15
37) 1,2-Dichloropropane	6.682	63	16795	0.681	ug/L #	91
39) cis-1,3-Dichloropropene	7.563	75	4038	0.124	ug/L #	72
61) 1,2,3-Trichloropropane	11.814	75	13668	1.678	ug/L #	68
63) 1,2,4-Trimethylbenzene	11.470	105	2248	0.056	ug/L	91
69) 1,3,5-Trichlorobenzene	13.228	180	3535	0.214	ug/L	90
70) 1,2,4-trichlorobenzene	13.842	180	5383	0.481	ug/L	96
71) Naphthalene	14.097	128	9710	0.621	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	5316	0.580	ug/L	97

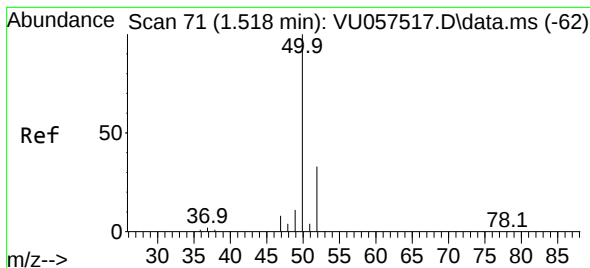
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 16 00:31:32 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.136 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU057518.D

Acq: 15 Jan 2024 10:30

Instrument :

MSVOA_U

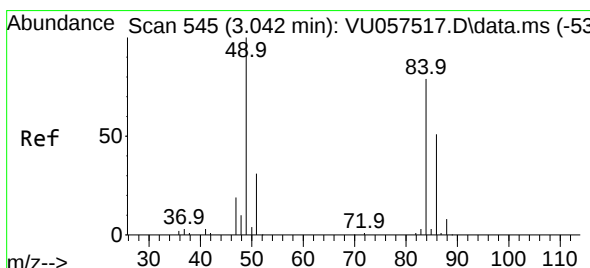
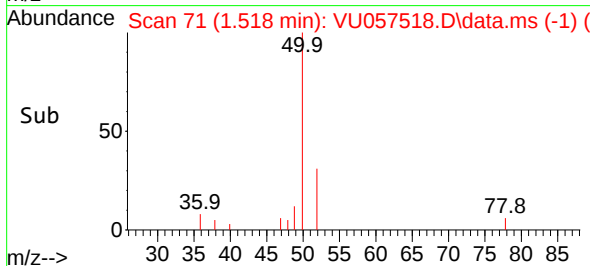
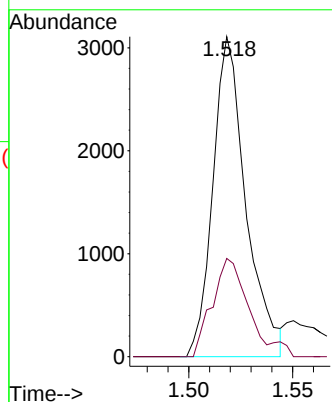
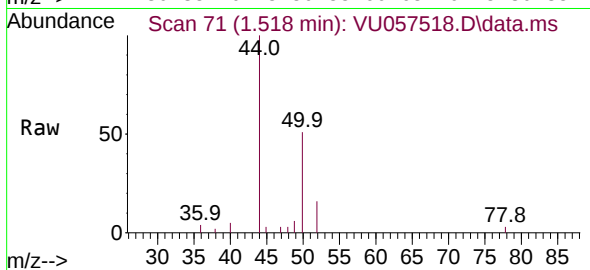
ClientSampleId :

Tgt Ion: 50 Resp: 3422

Ion Ratio Lower Upper

50 100

52 30.7 24.1 44.7



#16

Methylene chloride

Concen: 0.310 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.000 min

Lab File: VU057518.D

Acq: 15 Jan 2024 10:30

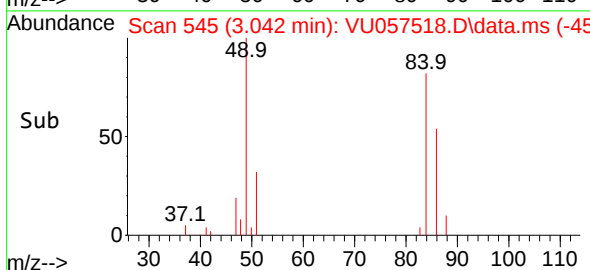
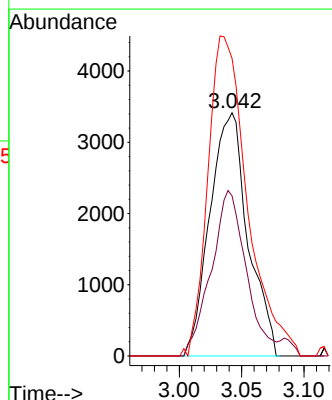
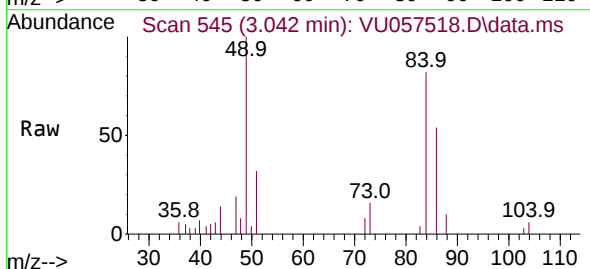
Tgt Ion: 84 Resp: 7262

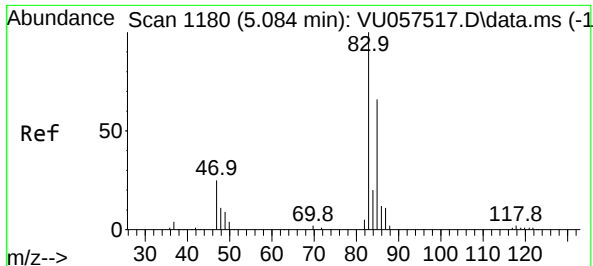
Ion Ratio Lower Upper

84 100

86 65.8 45.8 85.2

49 122.3 86.7 161.1





#25

Chloroform

Concen: 0.235 ug/L

RT: 5.078 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU057518.D

Acq: 15 Jan 2024 10:30

Instrument :

MSVOA_U

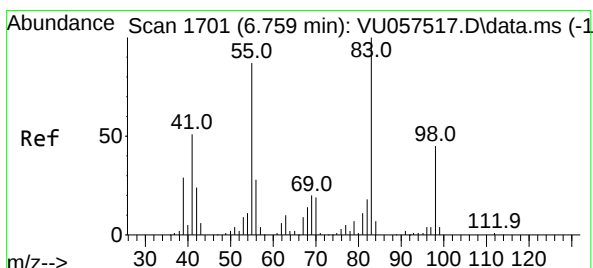
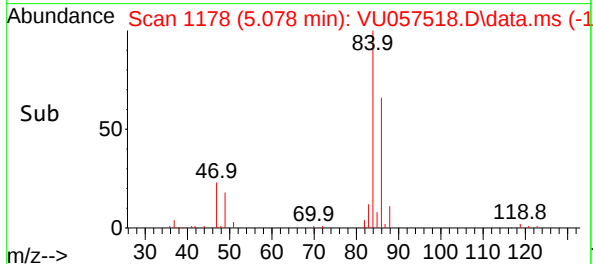
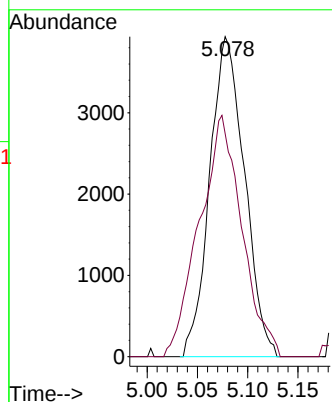
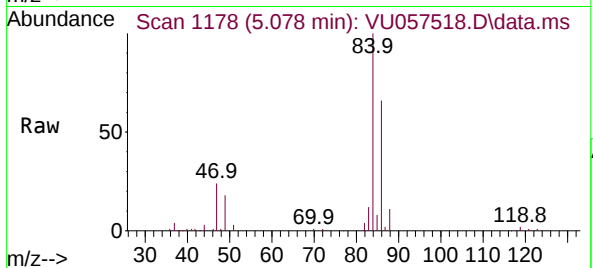
ClientSampleId :

Tgt Ion: 83 Resp: 9462

Ion Ratio Lower Upper

83 100

85 69.7 46.7 86.7



#35

Methylcyclohexane

Concen: 1.164 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU057518.D

Acq: 15 Jan 2024 10:30

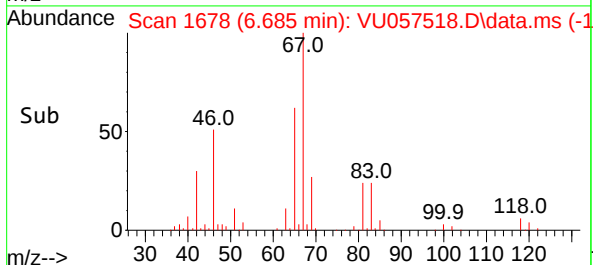
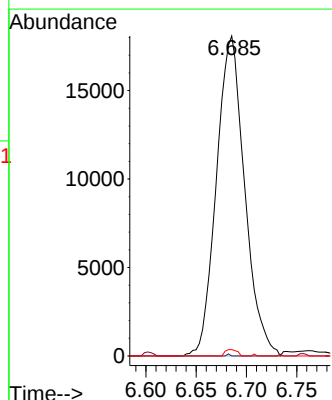
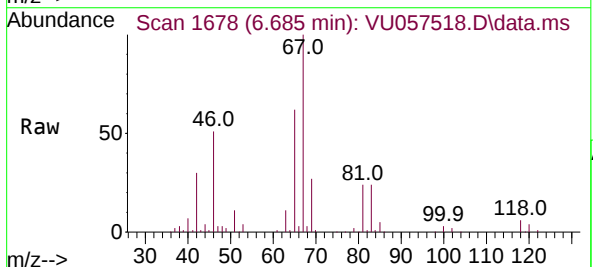
Tgt Ion: 83 Resp: 35323

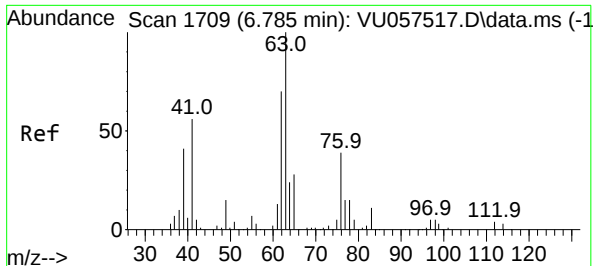
Ion Ratio Lower Upper

83 100

55 0.1 68.7 103.1#

98 0.8 36.3 54.5#

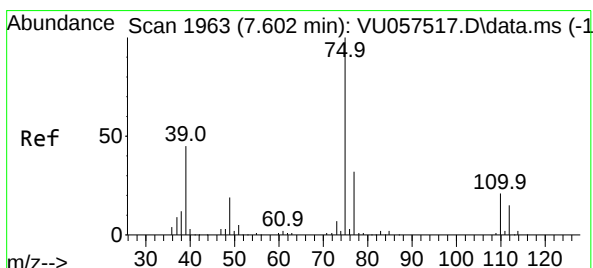
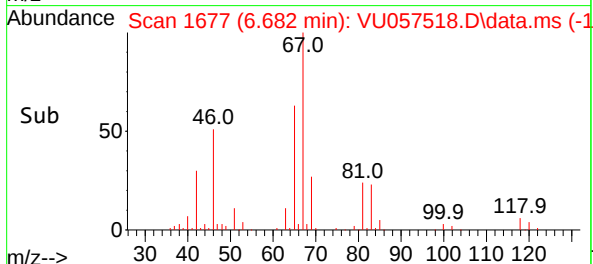
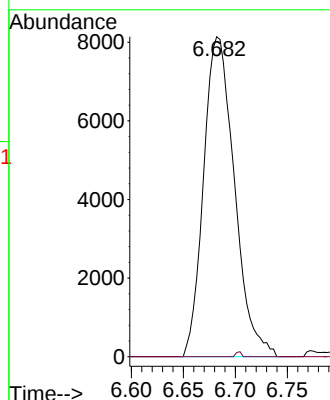
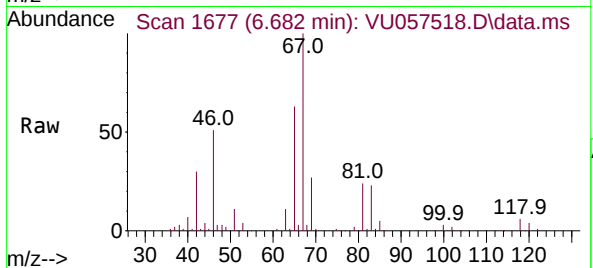




#37
1,2-Dichloropropane
Concen: 0.681 ug/L
RT: 6.682 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU057518.D
Acq: 15 Jan 2024 10:30

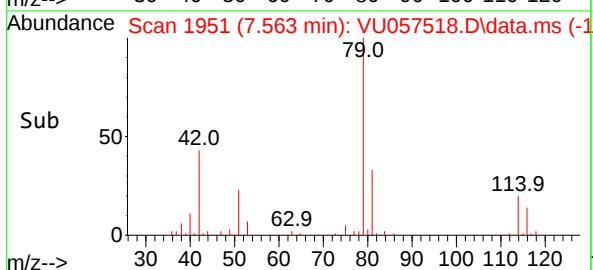
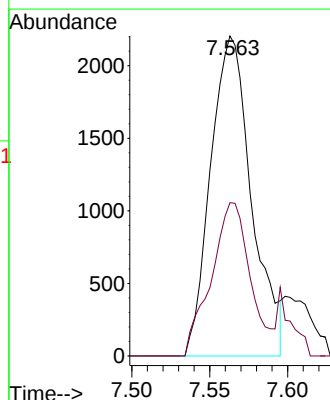
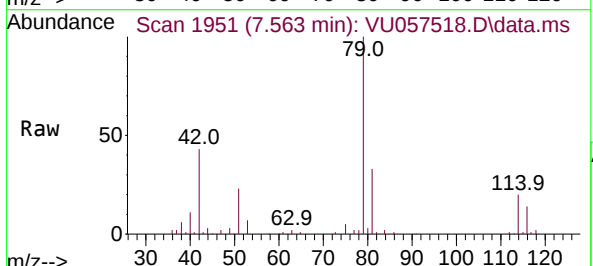
Instrument :
MSVOA_U
ClientSampleId :

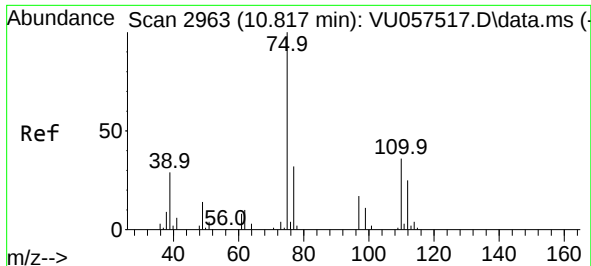
Tgt Ion: 63 Resp: 16795
Ion Ratio Lower Upper
63 100
112 0.3 2.7 4.1#



#39
cis-1,3-Dichloropropene
Concen: 0.124 ug/L
RT: 7.563 min Scan# 1951
Delta R.T. -0.039 min
Lab File: VU057518.D
Acq: 15 Jan 2024 10:30

Tgt Ion: 75 Resp: 4038
Ion Ratio Lower Upper
75 100
77 47.9 22.5 41.9#





#61

1,2,3-Trichloropropane

Concen: 1.678 ug/L

RT: 11.814 min Scan# 3166

Delta R.T. 0.997 min

Lab File: VU057518.D

Acq: 15 Jan 2024 10:30

Instrument :

MSVOA_U

ClientSampleId :

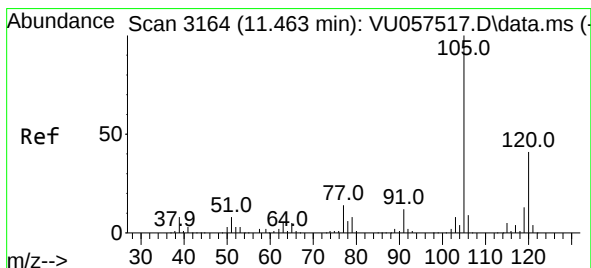
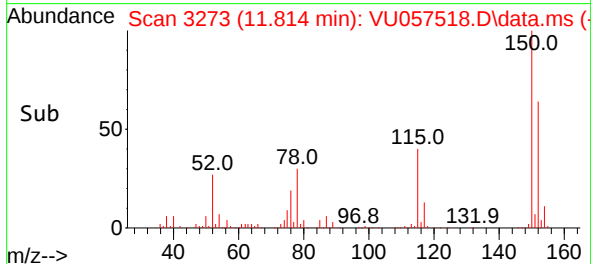
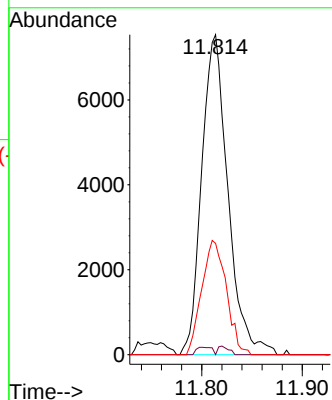
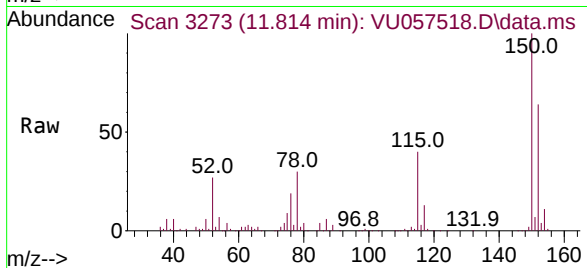
Tgt Ion: 75 Resp: 13668

Ion Ratio Lower Upper

75 100

110 1.1 29.4 44.0#

77 33.4 26.2 39.4



#63

1,2,4-Trimethylbenzene

Concen: 0.056 ug/L

RT: 11.470 min Scan# 3166

Delta R.T. 0.006 min

Lab File: VU057518.D

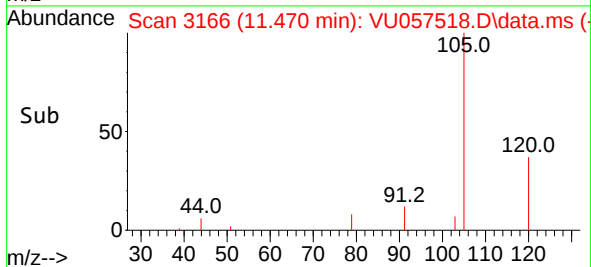
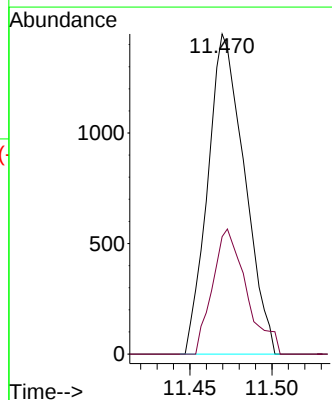
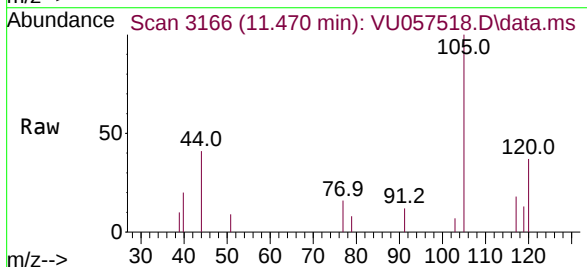
Acq: 15 Jan 2024 10:30

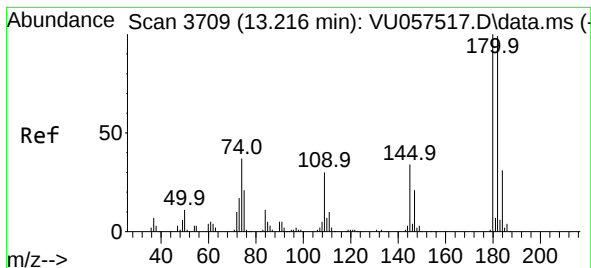
Tgt Ion:105 Resp: 2248

Ion Ratio Lower Upper

105 100

120 36.3 33.8 50.8





#69

1,3,5-Trichlorobenzene

Concen: 0.214 ug/L

RT: 13.228 min Scan# 31

Delta R.T. 0.013 min

Lab File: VU057518.D

Acq: 15 Jan 2024 10:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 3535

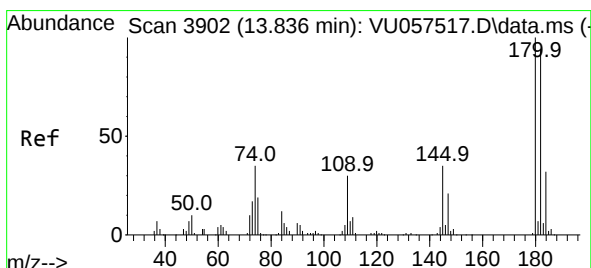
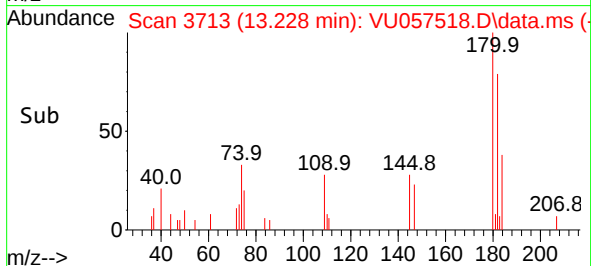
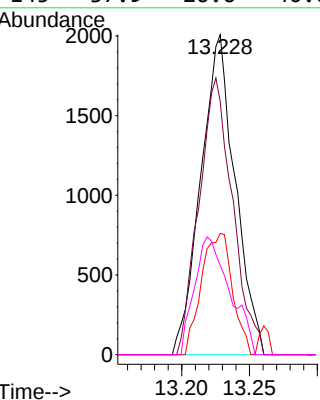
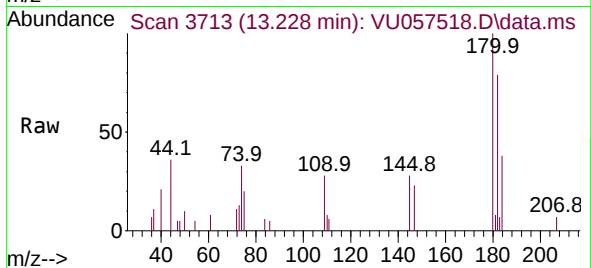
Ion Ratio Lower Upper

180 100

182 84.4 76.6 115.0

184 34.2 24.6 37.0

145 37.9 26.6 40.0



#70

1,2,4-trichlorobenzene

Concen: 0.481 ug/L

RT: 13.842 min Scan# 3904

Delta R.T. 0.006 min

Lab File: VU057518.D

Acq: 15 Jan 2024 10:30

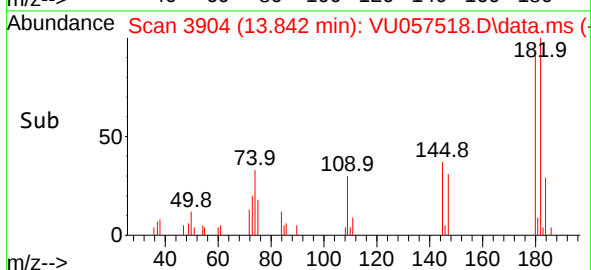
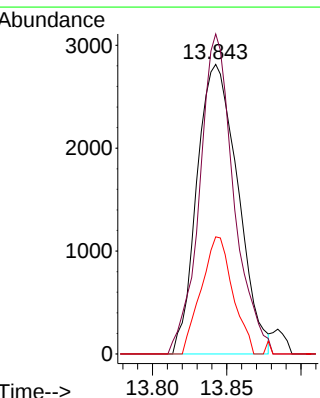
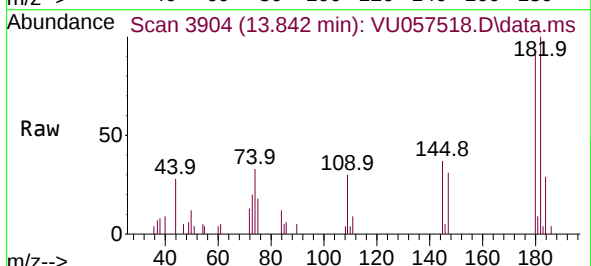
Tgt Ion:180 Resp: 5383

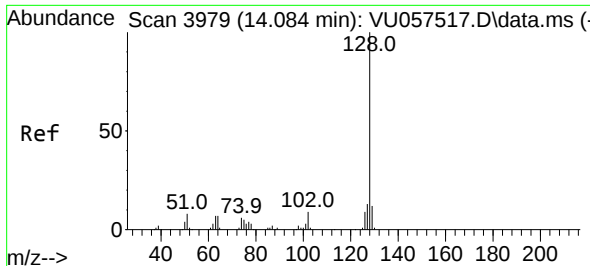
Ion Ratio Lower Upper

180 100

182 92.8 77.1 115.7

145 31.2 27.6 41.4

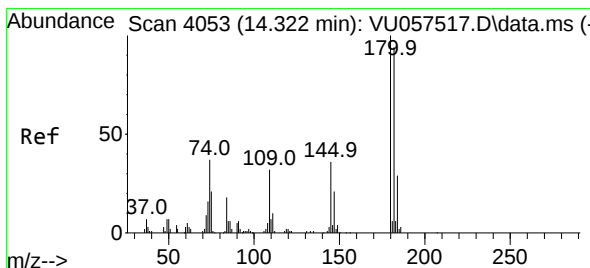
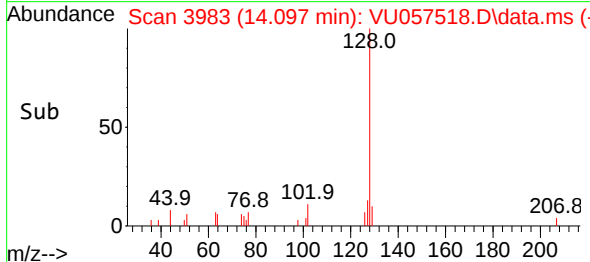
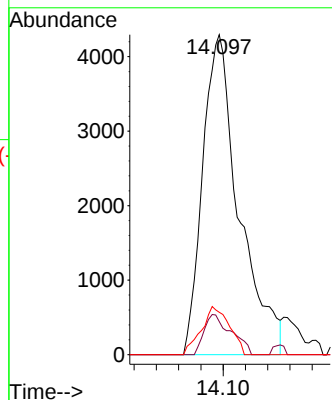
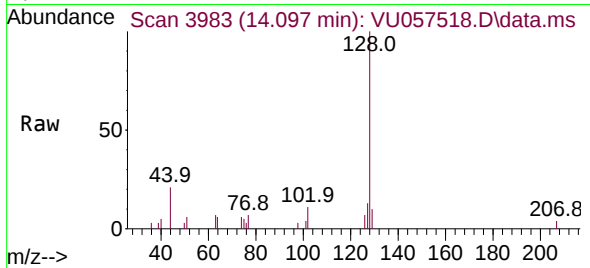




#71
Naphthalene
Concen: 0.621 ug/L
RT: 14.097 min Scan# 3979
Delta R.T. 0.013 min
Lab File: VU057518.D
Acq: 15 Jan 2024 10:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 9710
Ion Ratio Lower Upper
128 100
129 9.4 8.5 12.7
127 11.6 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 0.580 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU057518.D
Acq: 15 Jan 2024 10:30

Tgt Ion:180 Resp: 5316
Ion Ratio Lower Upper
180 100
182 99.5 77.0 115.6
145 37.1 30.0 45.0

