

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011224\
 Data File : VU057471.D
 Acq On : 12 Jan 2024 10:33
 Operator : MD/SY
 Sample : VU0112WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 01:35:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 01:34:13 2024
 Response via : Initial Calibration

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

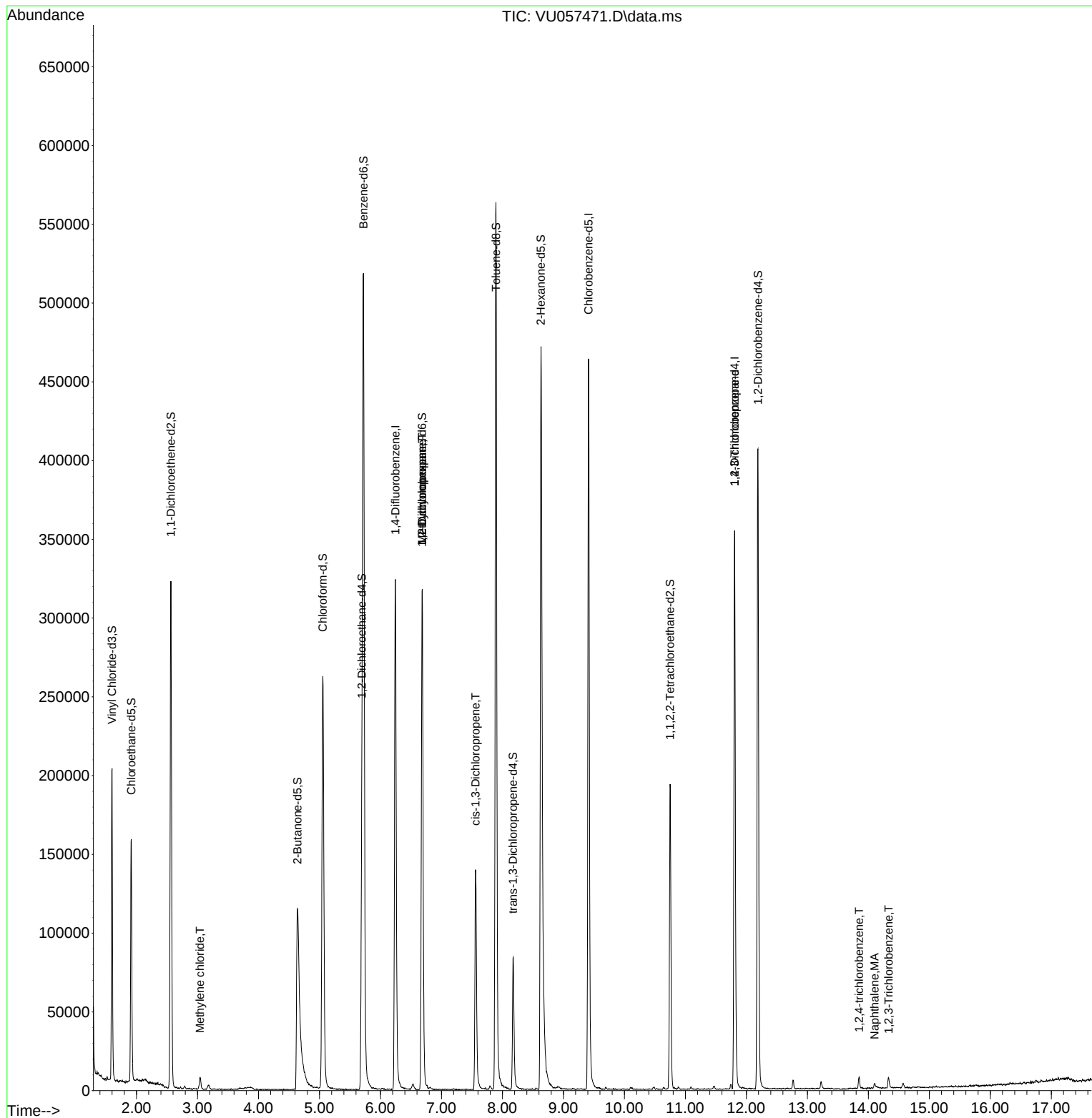
Internal Standards							
1) 1,4-Difluorobenzene		6.245	114	257839	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.412	117	260468	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.807	152	93853	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.599	65	145654	5.568	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.400%	
7) Chloroethane-d5		1.914	69	118592	5.826	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.600%	
11) 1,1-Dichloroethene-d2		2.563	65	61594	5.568	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.400%	
20) 2-Butanone-d5		4.640	46	265707	53.698	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.400%	
24) Chloroform-d		5.055	84	250768	5.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.000%	
26) 1,2-Dichloroethane-d4		5.695	65	124567	5.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.400%	
32) Benzene-d6		5.721	84	492218	5.181	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%	
36) 1,2-Dichloropropane-d6		6.685	67	154962	5.232	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%	
41) Toluene-d8		7.894	98	380508	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%	
43) trans-1,3-Dichloroprop...		8.174	79	48906	4.749	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%	
46) 2-Hexanone-d5		8.631	63	166243	44.588	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.180%	
56) 1,1,2,2-Tetrachloroeth...		10.750	84	97601	4.878	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%	
66) 1,2-Dichlorobenzene-d4		12.190	152	106140	5.631	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%	
Target Compounds							Qvalue
16) Methylene chloride		3.039	84	3806	0.187	ug/L	96
35) Methylcyclohexane		6.685	83	35164	1.316	ug/L #	15
37) 1,2-Dichloropropane		6.682	63	17366	0.800	ug/L #	90
39) cis-1,3-Dichloropropene		7.560	75	4031	0.141	ug/L #	80
61) 1,2,3-Trichloropropane		11.807	75	13292	1.514	ug/L #	67
70) 1,2,4-trichlorobenzene		13.849	180	2856	0.237	ug/L #	91
71) Naphthalene		14.103	128	4345	0.258	ug/L #	89
72) 1,2,3-Trichlorobenzene		14.335	180	2467	0.250	ug/L	95

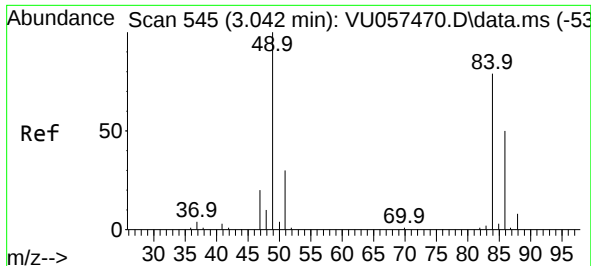
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

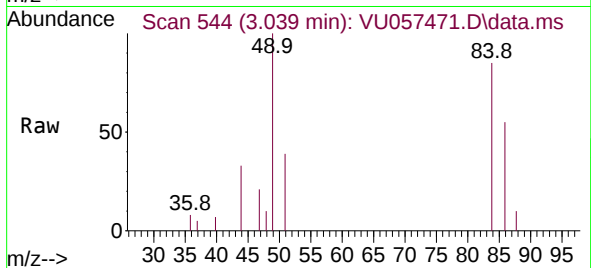
Quant Time: Jan 13 01:35:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 13 01:34:13 2024
Response via : Initial Calibration



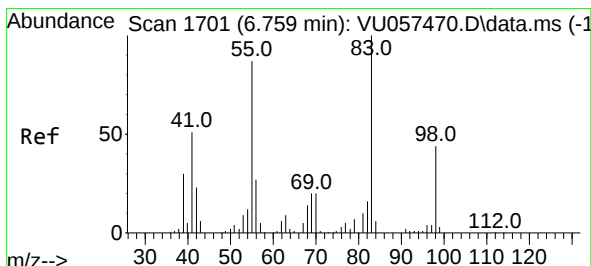
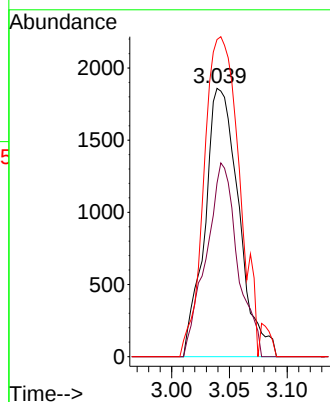
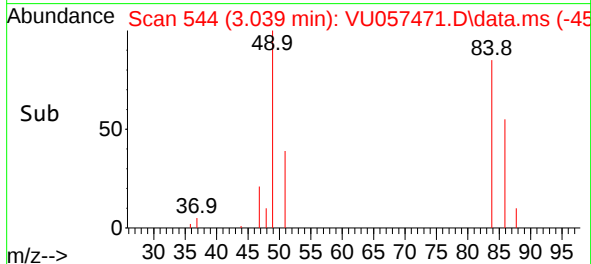


#16
Methylene chloride
Concen: 0.187 ug/L
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU057471.D
Acq: 12 Jan 2024 10:33

Instrument :
MSVOA_U
ClientSampleId :

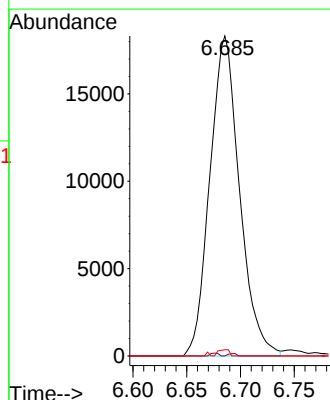
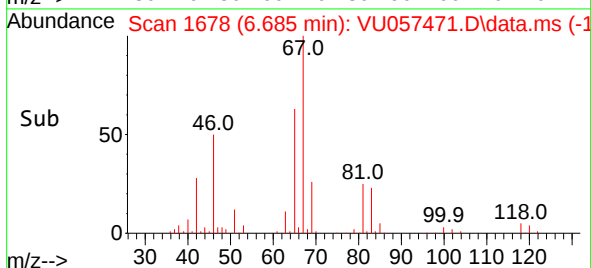
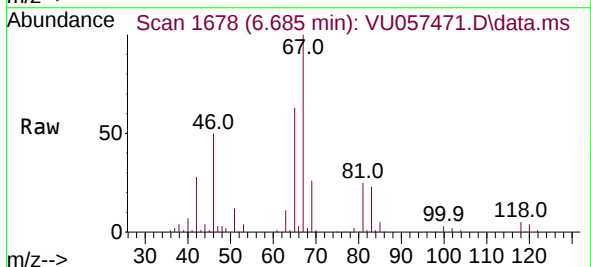


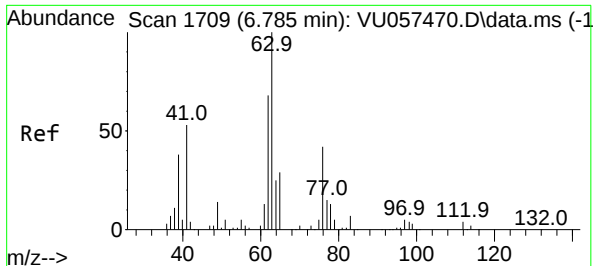
Tgt Ion: 84 Resp: 3806
Ion Ratio Lower Upper
84 100
86 64.6 45.8 85.2
49 118.2 86.7 161.1



#35
Methylcyclohexane
Concen: 1.316 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057471.D
Acq: 12 Jan 2024 10:33

Tgt Ion: 83 Resp: 35164
Ion Ratio Lower Upper
83 100
55 0.2 68.7 103.1#
98 0.7 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.800 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU057471.D

Acq: 12 Jan 2024 10:33

Instrument :

MSVOA_U

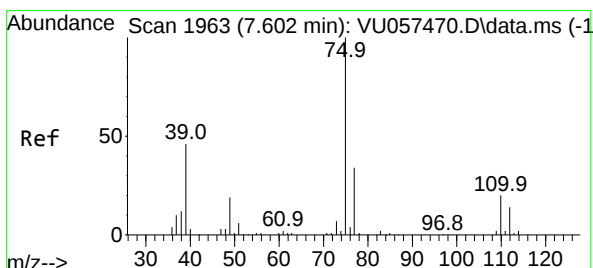
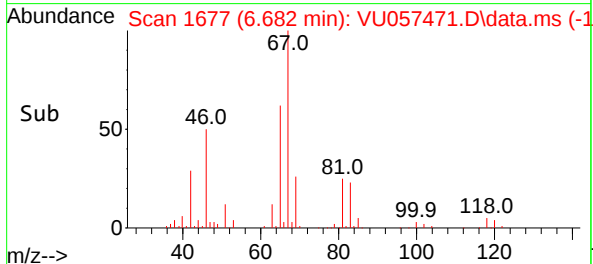
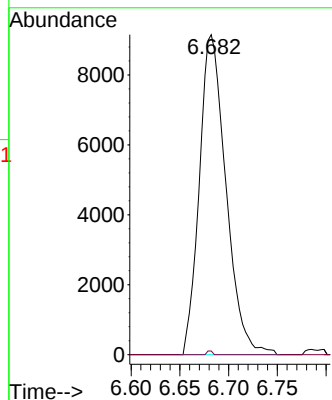
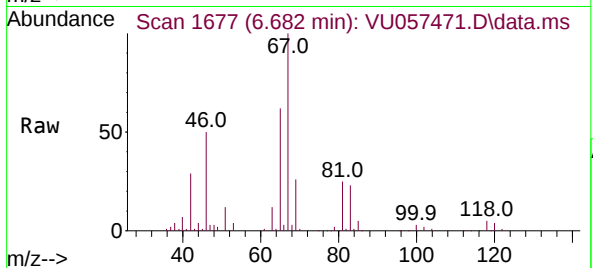
ClientSampleId :

Tgt Ion: 63 Resp: 17366

Ion Ratio Lower Upper

63 100

112 0.2 2.7 4.1#



#39

cis-1,3-Dichloropropene

Concen: 0.141 ug/L

RT: 7.560 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU057471.D

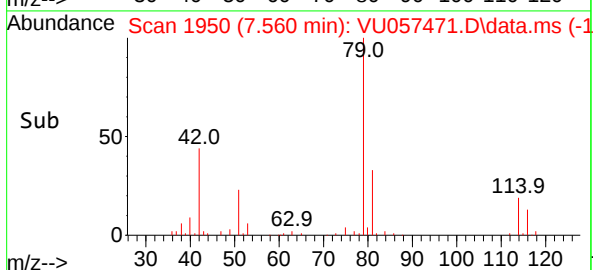
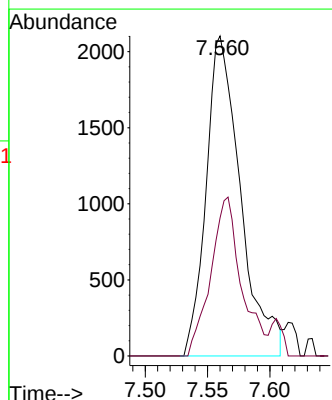
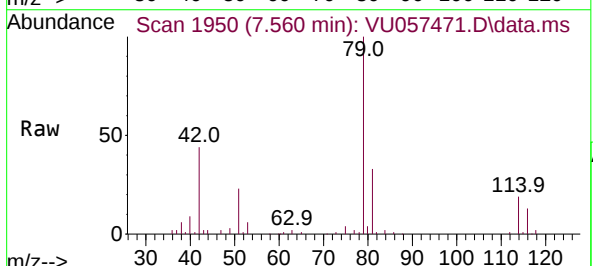
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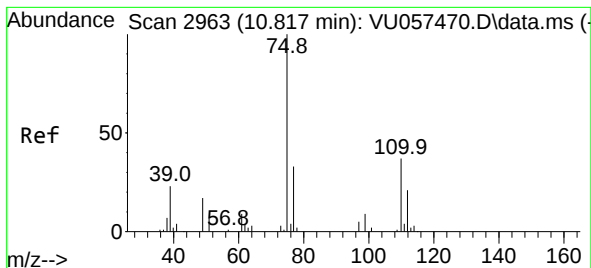
Tgt Ion: 75 Resp: 4031

Ion Ratio Lower Upper

75 100

77 43.1 22.5 41.9#





#61

1,2,3-Trichloropropane

Concen: 1.514 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU057471.D

Acq: 12 Jan 2024 10:33

Instrument :

MSVOA_U

ClientSampleId :

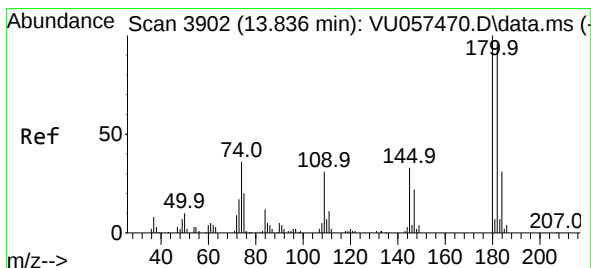
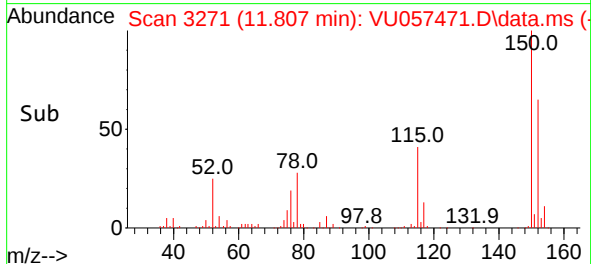
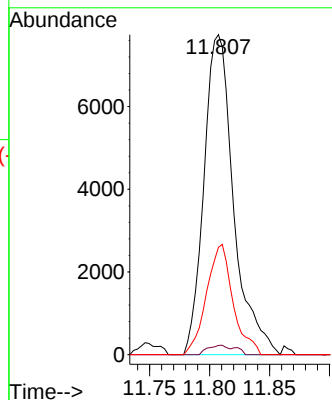
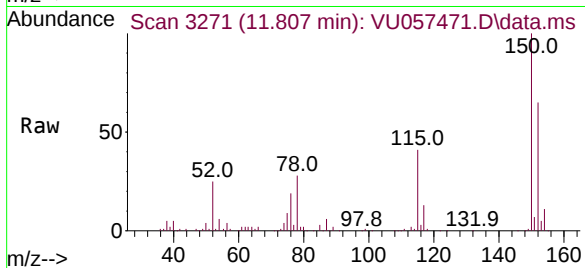
Tgt Ion: 75 Resp: 13292

Ion Ratio Lower Upper

75 100

110 2.0 29.4 44.0#

77 30.8 26.2 39.4



#70

1,2,4-trichlorobenzene

Concen: 0.237 ug/L

RT: 13.849 min Scan# 3906

Delta R.T. 0.013 min

Lab File: VU057471.D

Acq: 12 Jan 2024 10:33

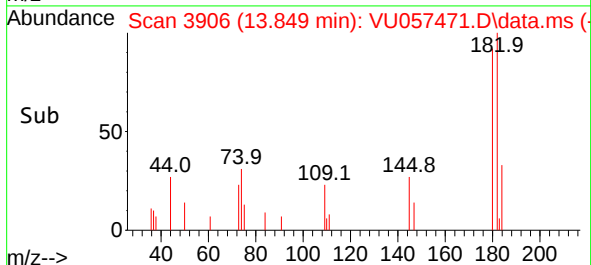
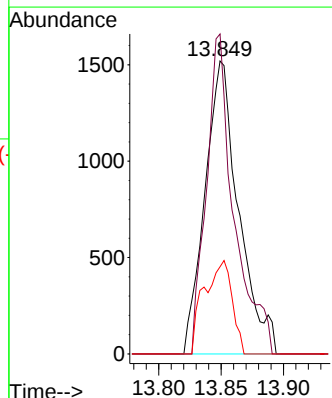
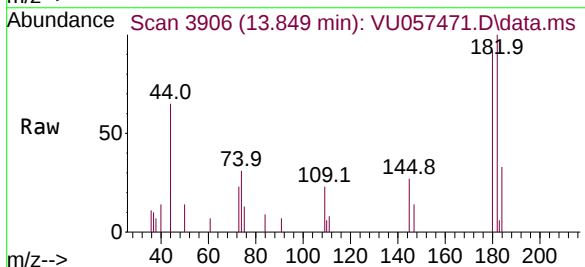
Tgt Ion:180 Resp: 2856

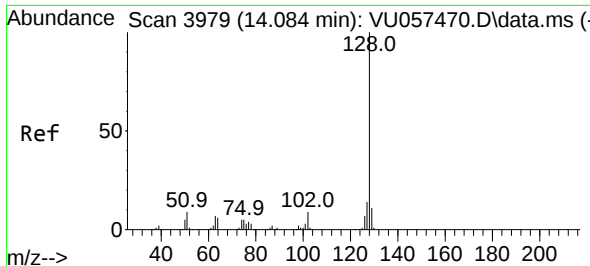
Ion Ratio Lower Upper

180 100

182 88.9 77.1 115.7

145 26.4 27.6 41.4#

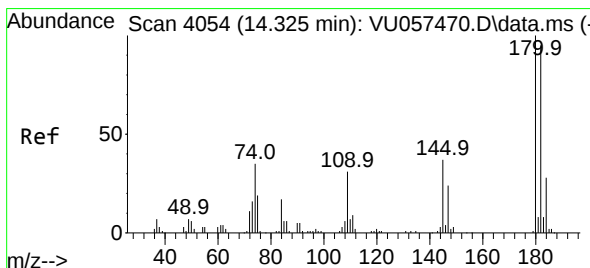
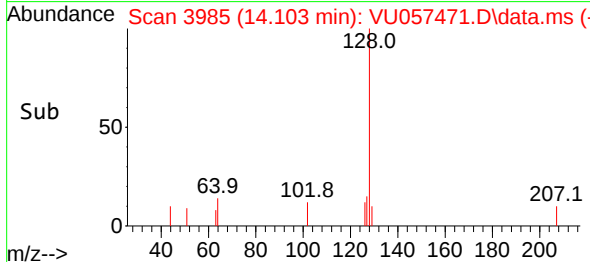
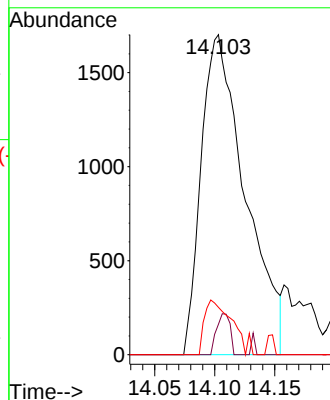
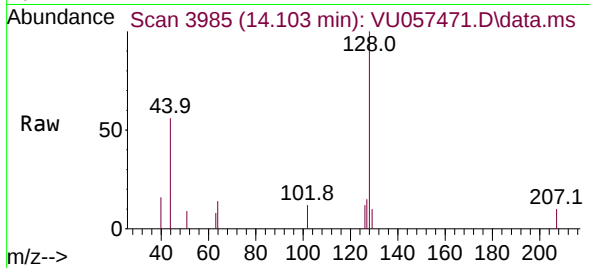




#71
Naphthalene
Concen: 0.258 ug/L
RT: 14.103 min Scan# 3985
Delta R.T. 0.019 min
Lab File: VU057471.D
Acq: 12 Jan 2024 10:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 4345
Ion Ratio Lower Upper
128 100
129 3.8 8.5 12.7#
127 10.7 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 0.250 ug/L
RT: 14.335 min Scan# 4057
Delta R.T. 0.010 min
Lab File: VU057471.D
Acq: 12 Jan 2024 10:33

Tgt Ion:180 Resp: 2467
Ion Ratio Lower Upper
180 100
182 98.8 77.0 115.6
145 31.2 30.0 45.0

