

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058466.D
 Acq On : 08 Apr 2024 14:14
 Operator : MD/SY
 Sample : P2012-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 04:25:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 04:22:28 2024
 Response via : Initial Calibration

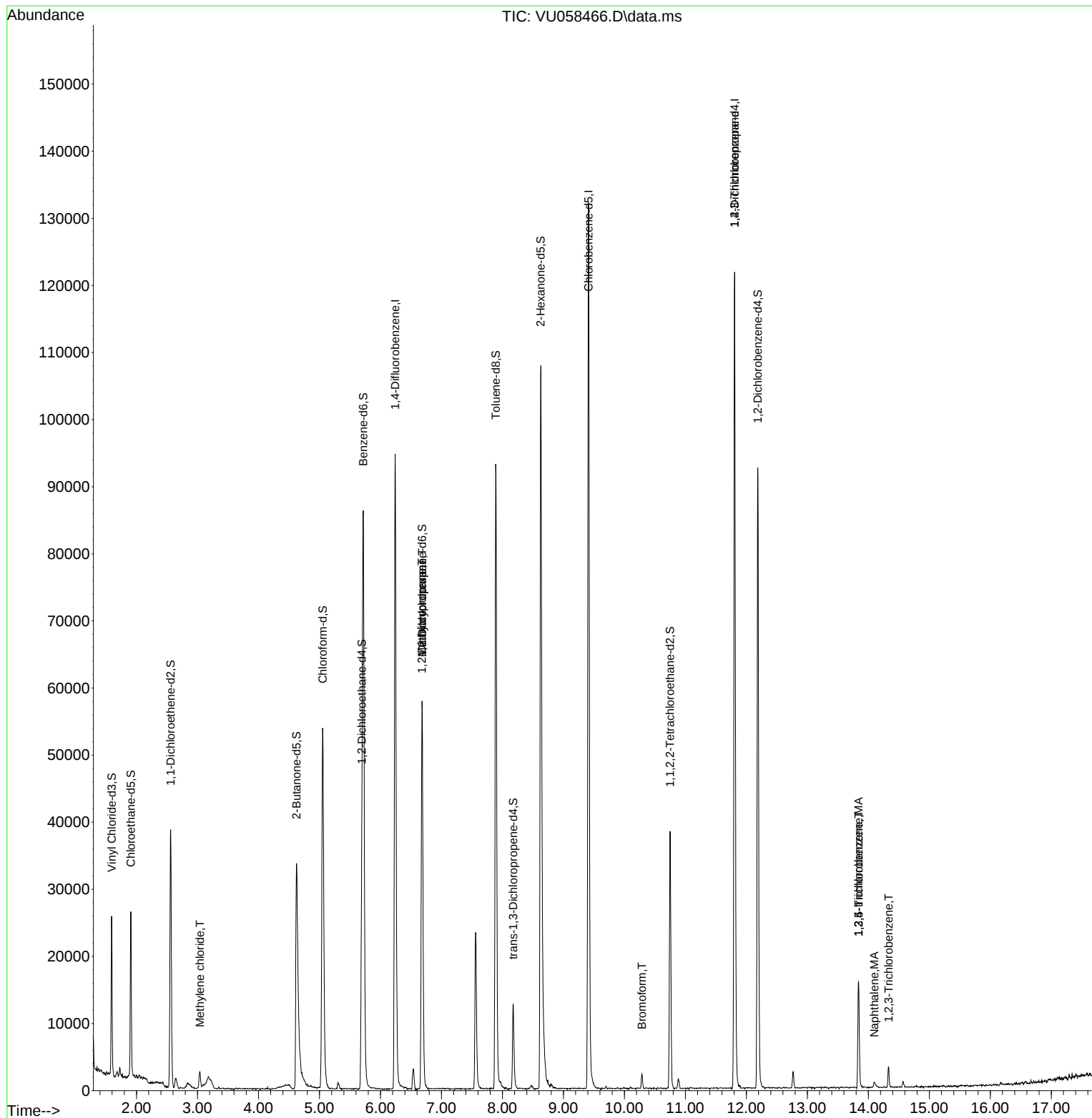
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73501	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	71252	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31613	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15680	3.222	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.907	69	16696	3.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.560	65	7281	3.306	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.200%
20) 2-Butanone-d5	4.624	46	52709	51.398	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.800%
24) Chloroform-d	5.052	84	43309	4.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.695	65	22041	4.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.718	84	78595	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.682	67	27680	4.601	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.891	98	62879	3.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	8.177	79	8114	4.345	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.627	63	38141	49.520	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.040%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19904	4.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	23689	4.449	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	1070	0.155	ug/L	88
35) Methylcyclohexane	6.682	83	5984	0.610	ug/L #	16
37) 1,2-Dichloropropane	6.679	63	3088	0.454	ug/L #	90
59) Bromoform	10.287	173	1046	0.495	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4405	1.366	ug/L #	71
69) 1,3,5-Trichlorobenzene	13.839	180	5842	0.703	ug/L	96
70) 1,2,4-trichlorobenzene	13.839	180	5842	0.911	ug/L	97
71) Naphthalene	14.097	128	1798	0.205	ug/L #	68
72) 1,2,3-Trichlorobenzene	14.331	180	1324	0.250	ug/L	100

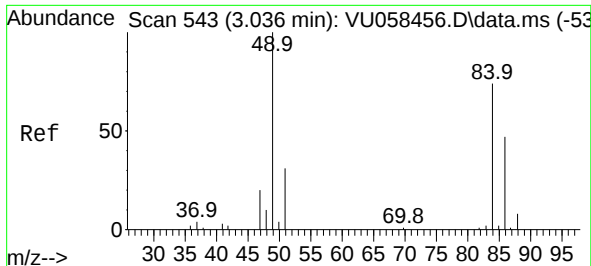
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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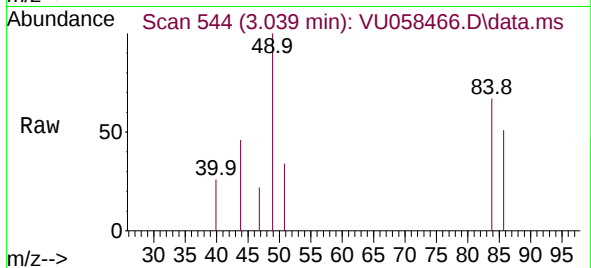
Quant Time: Apr 09 04:25:13 2024
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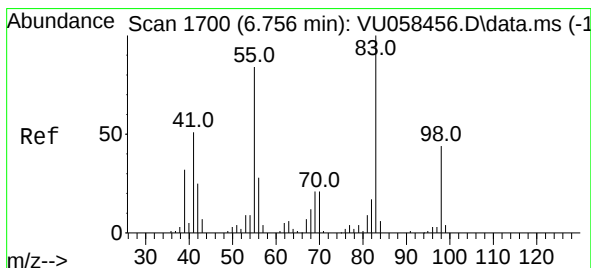
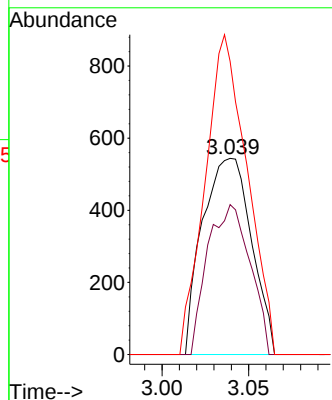
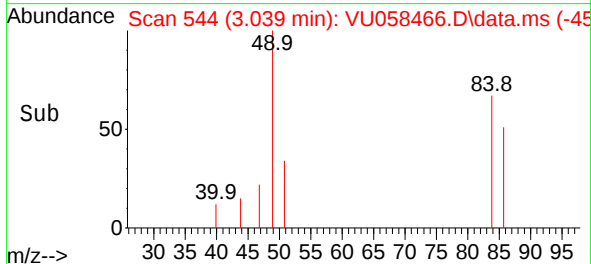


#16
Methylene chloride
Concen: 0.155 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU058466.D
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Instrument :
MSVOA_U
ClientSampleId :

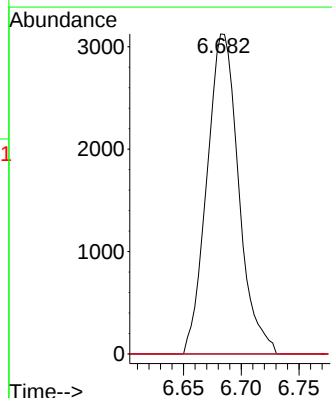
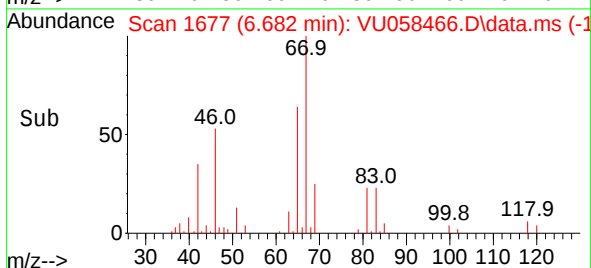
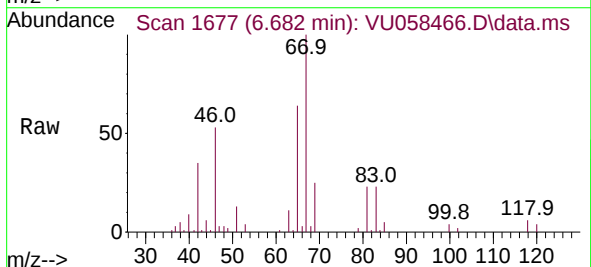


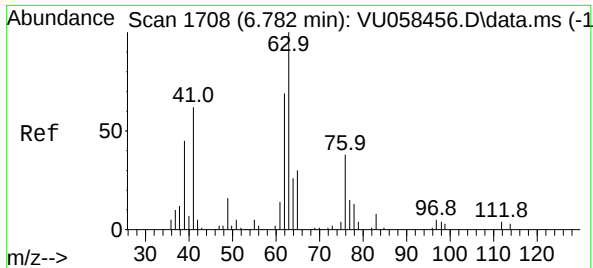
Tgt Ion: 84 Resp: 1070
Ion Ratio Lower Upper
84 100
86 76.5 44.3 82.3
49 149.4 96.0 178.2



#35
Methylcyclohexane
Concen: 0.610 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058466.D
Acq: 08 Apr 2024 14:14

Tgt Ion: 83 Resp: 5984
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

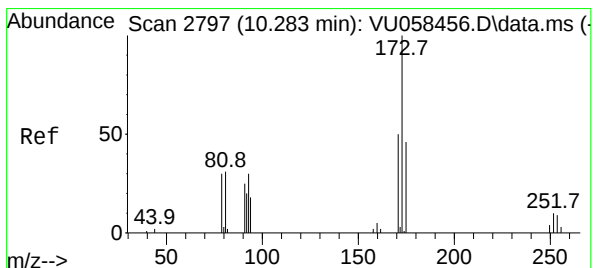
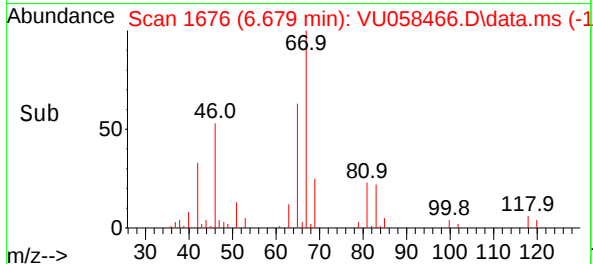
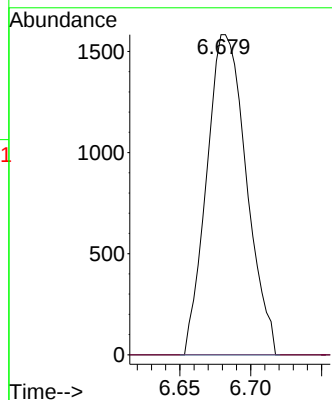
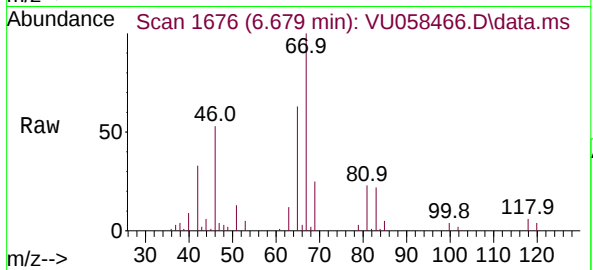




#37
1,2-Dichloropropane
Concen: 0.454 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058466.D
Acq: 08 Apr 2024 14:14

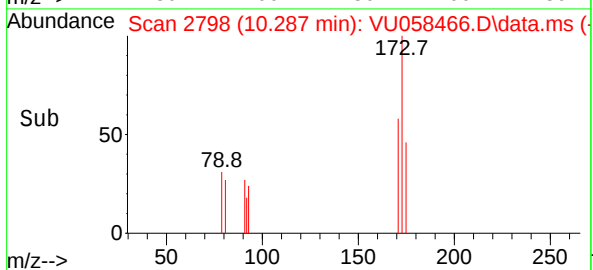
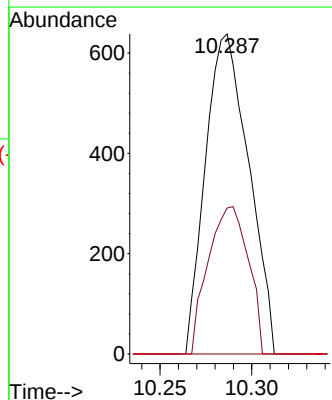
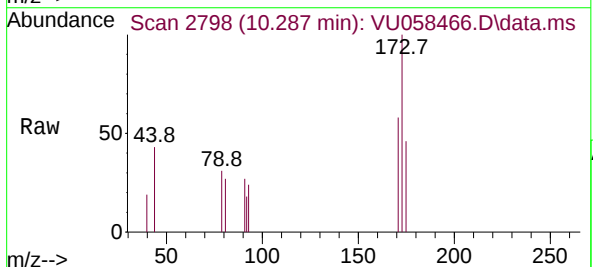
Instrument :
MSVOA_U
ClientSampleId :

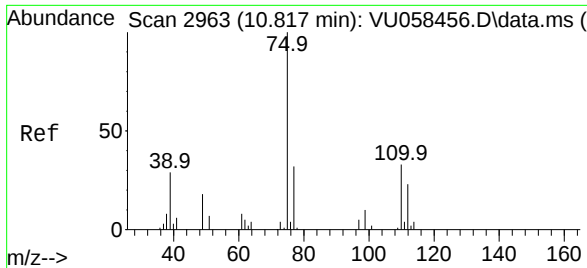
Tgt Ion: 63 Resp: 3088
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#59
Bromoform
Concen: 0.495 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU058466.D
Acq: 08 Apr 2024 14:14

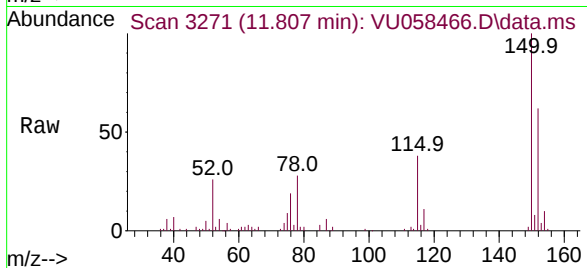
Tgt Ion:173 Resp: 1046
Ion Ratio Lower Upper
173 100
175 42.7 38.0 57.0
254 0.0 7.5 11.3#



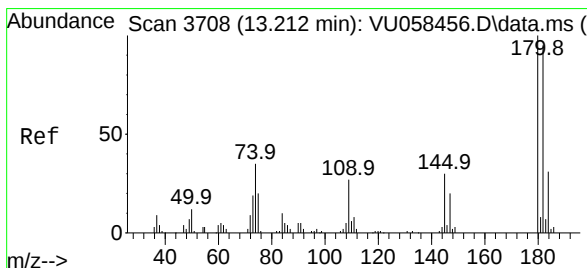
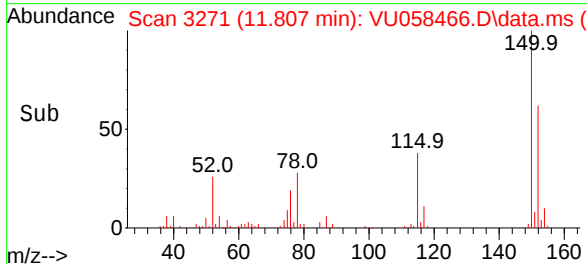
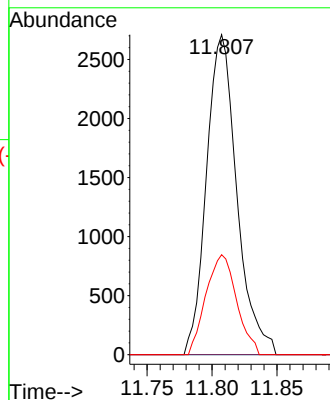


#61
1,2,3-Trichloropropane
Concen: 1.366 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.991 min
Lab File: VU058466.D
Acq: 08 Apr 2024 14:14

Instrument :
MSVOA_U
ClientSampleId :

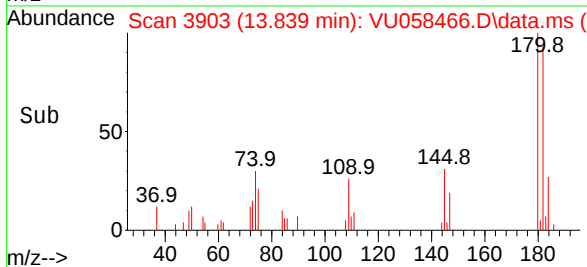
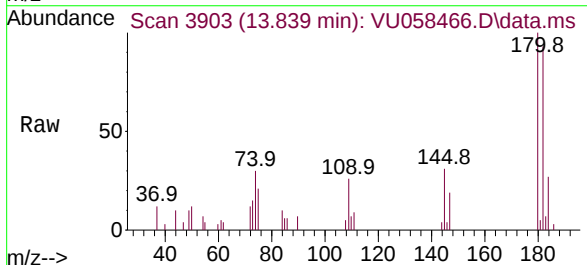
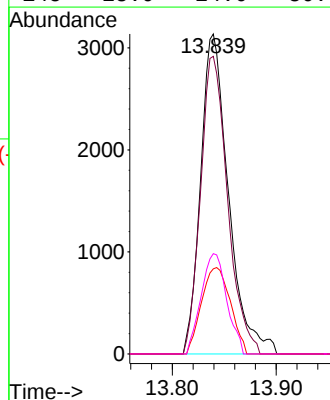


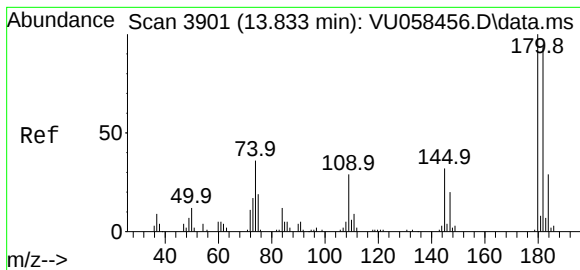
Tgt Ion: 75 Resp: 4405
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 31.5 25.1 37.7



#69
1,3,5-Trichlorobenzene
Concen: 0.703 ug/L
RT: 13.839 min Scan# 3903
Delta R.T. 0.627 min
Lab File: VU058466.D
Acq: 08 Apr 2024 14:14

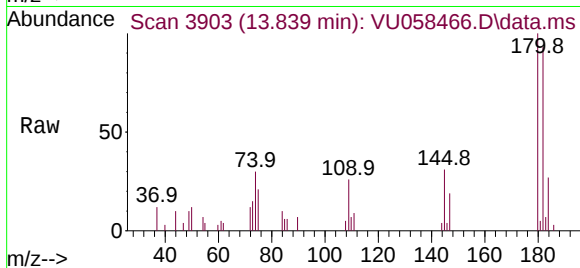
Tgt Ion:180 Resp: 5842
Ion Ratio Lower Upper
180 100
182 90.1 75.7 113.5
184 28.0 24.3 36.5
145 28.9 24.0 36.0



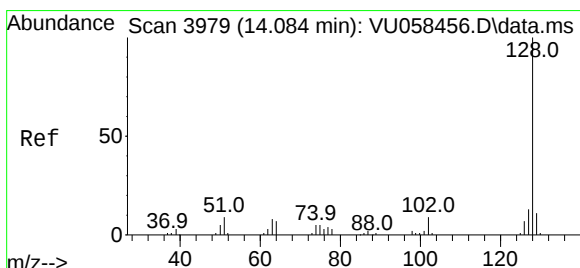
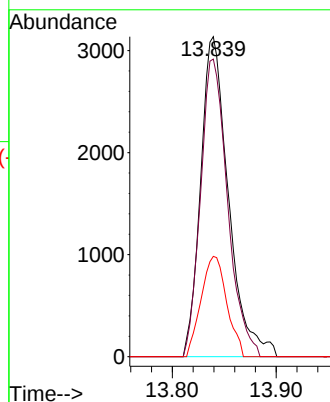
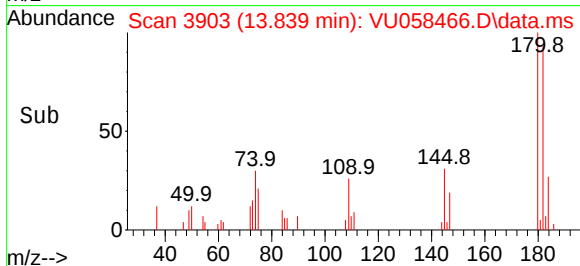


#70
1,2,4-trichlorobenzene
Concen: 0.911 ug/L
RT: 13.839 min Scan# 3901
Delta R.T. 0.007 min
Lab File: VU058466.D
Acq: 08 Apr 2024 14:14

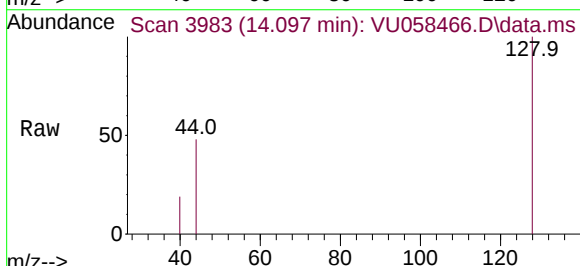
Instrument :
MSVOA_U
ClientSampleId :



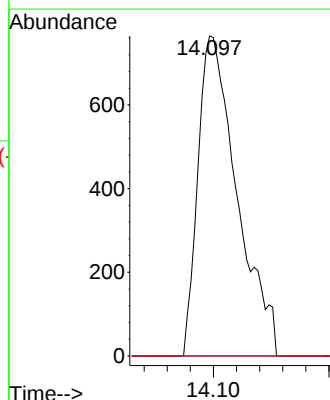
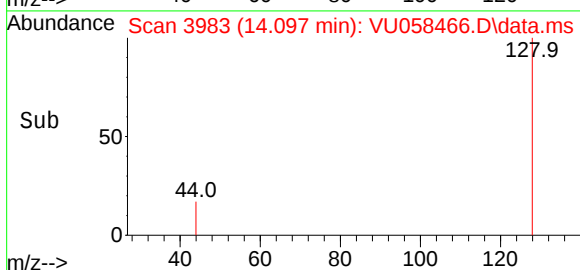
Tgt Ion:180 Resp: 5842
Ion Ratio Lower Upper
180 100
182 90.1 74.4 111.6
145 28.9 24.1 36.1

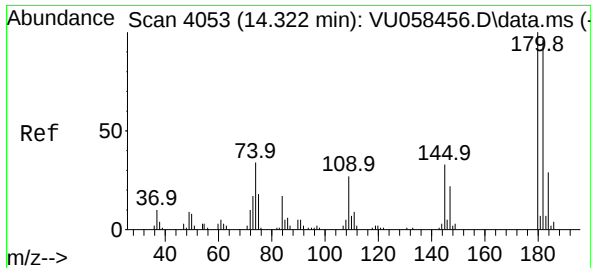


#71
Naphthalene
Concen: 0.205 ug/L
RT: 14.097 min Scan# 3983
Delta R.T. 0.013 min
Lab File: VU058466.D
Acq: 08 Apr 2024 14:14



Tgt Ion:128 Resp: 1798
Ion Ratio Lower Upper
128 100
129 0.0 8.6 13.0#
127 0.0 11.0 16.6#





#72

1,2,3-Trichlorobenzene

Concen: 0.250 ug/L

RT: 14.331 min Scan# 4056

Delta R.T. 0.010 min

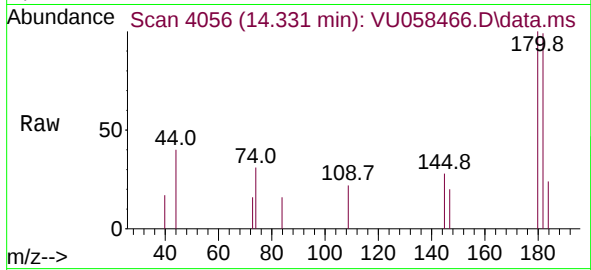
Lab File: VU058466.D

Acq: 08 Apr 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 1324

Ion Ratio Lower Upper

180 100

182 94.8 75.9 113.9

145 31.9 25.2 37.8

