

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049852.D
 Acq On : 22 Jul 2022 16:09
 Operator : SY/MD
 Sample : N3825-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBHY8

Quant Time: Jul 23 02:35:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 01:04:38 2022
 Response via : Initial Calibration

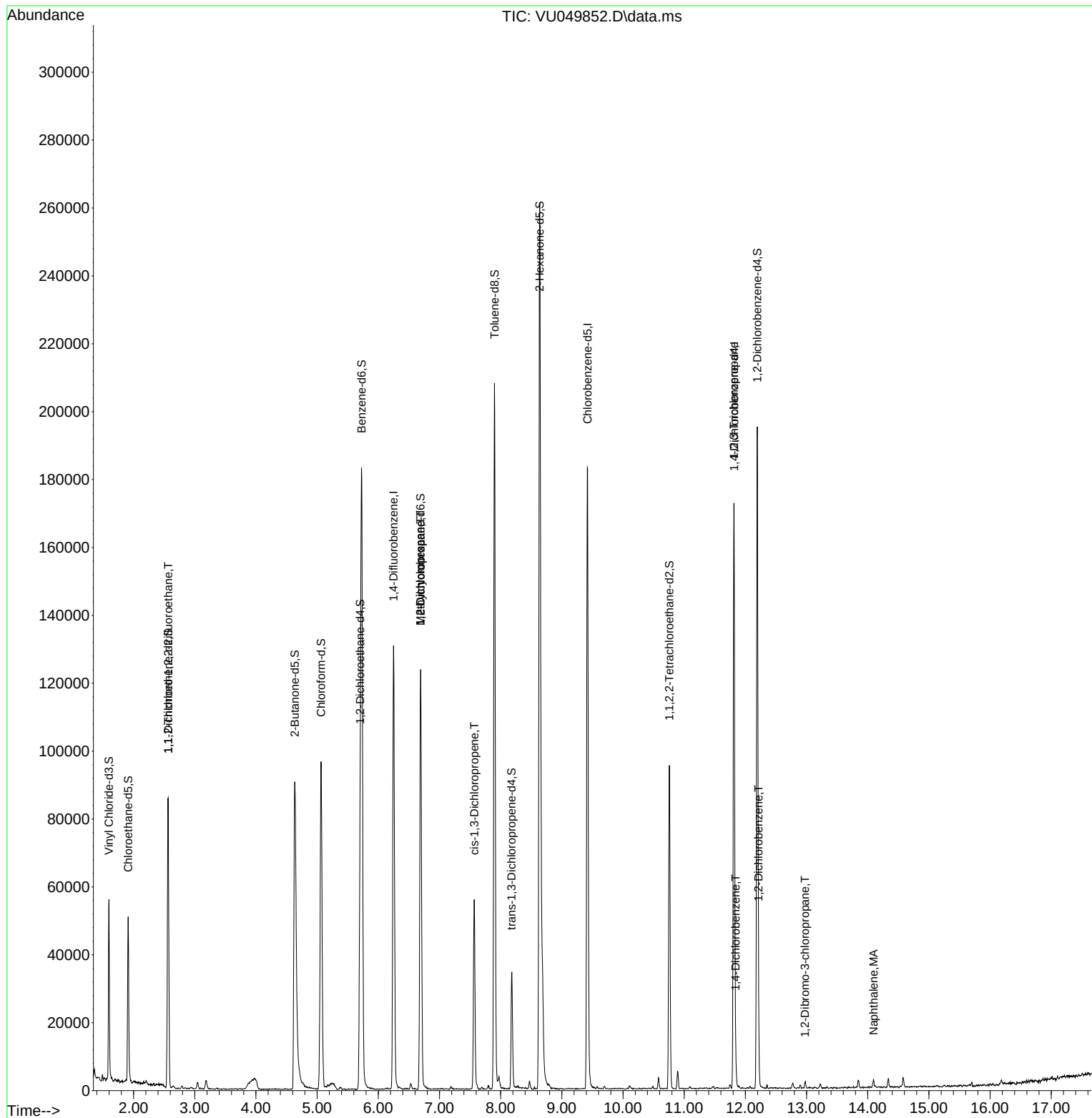
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	100297	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	97499	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	43417	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	37986	4.678	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.600%	
7) Chloroethane-d5	1.912	69	34145	5.024	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.400%	
11) 1,1-Dichloroethene-d2	2.565	65	16320	4.503	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.000%	
20) 2-Butanone-d5	4.636	46	146538	50.157	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.320%	
24) Chloroform-d	5.063	84	88205	4.877	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
26) 1,2-Dichloroethane-d4	5.703	65	51744	4.879	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.600%	
32) Benzene-d6	5.729	84	163136	4.910	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
36) 1,2-Dichloropropane-d6	6.690	67	59120	5.151	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.000%	
41) Toluene-d8	7.899	98	134271	4.624	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
43) trans-1,3-Dichloroprop...	8.179	79	19371	4.648	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.000%	
46) 2-Hexanone-d5	8.635	63	81997	49.657	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.320%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	47300	4.907	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	47045	5.250	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.000%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	478	0.073	ug/L #	21
35) Methylcyclohexane	6.690	83	13314	1.258	ug/L #	15
37) 1,2-Dichloropropane	6.690	63	6597	0.654	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1602	0.121	ug/L #	61
61) 1,2,3-Trichloropropane	11.812	75	7338	1.269	ug/L #	66
65) 1,4-Dichlorobenzene	11.841	146	3263	0.232	ug/L	84
67) 1,2-Dichlorobenzene	12.214	146	2456	0.175	ug/L	89
68) 1,2-Dibromo-3-chloropr...	12.976	75	519	0.401	ug/L #	8
71) Naphthalene	14.095	128	3047	0.178	ug/L #	89

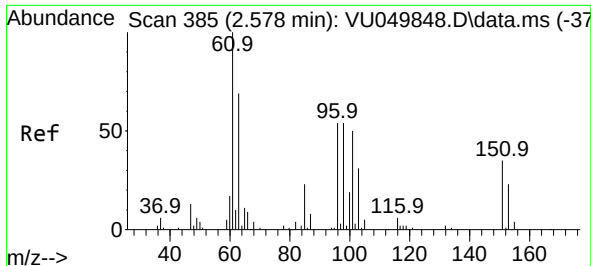
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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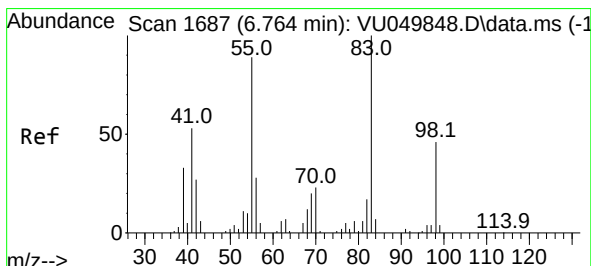
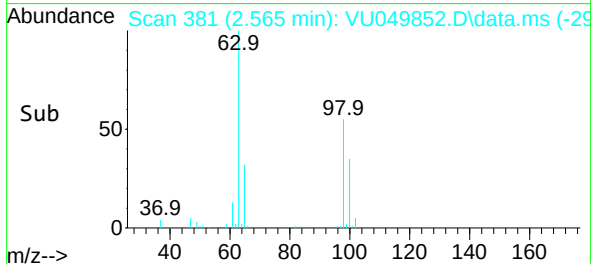
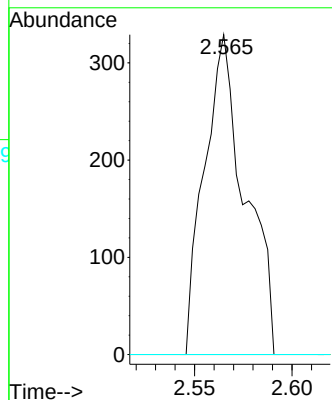
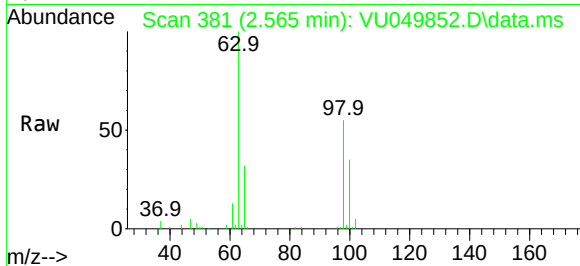




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.073 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU049852.D
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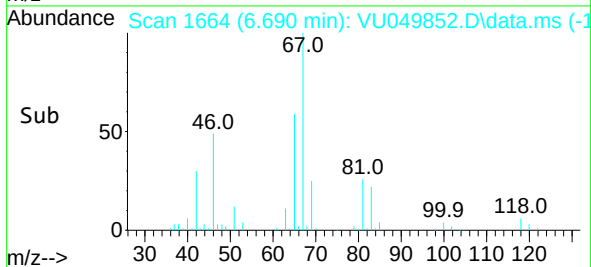
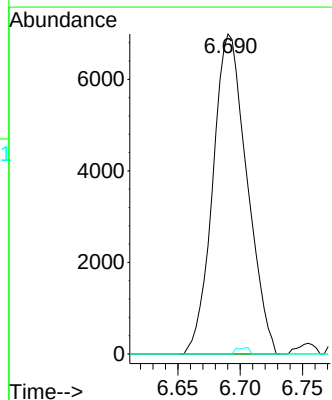
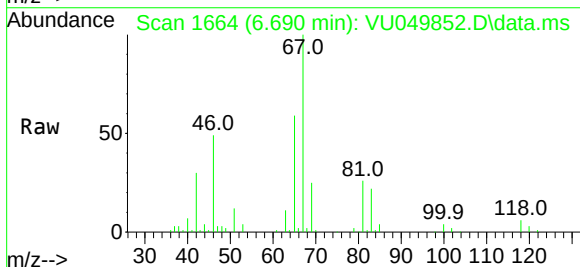
Instrument :
MSVOA_U
ClientSampleId :
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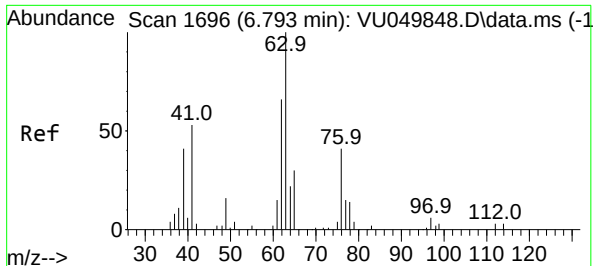
Tgt Ion:101 Resp: 478
Ion Ratio Lower Upper
101 100
85 0.0 37.2 55.8#
151 0.0 56.0 84.0#



#35
Methylcyclohexane
Concen: 1.258 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049852.D
Acq: 22 Jul 2022 16:09

Tgt Ion: 83 Resp: 13314
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.4#
98 0.7 36.4 54.6#

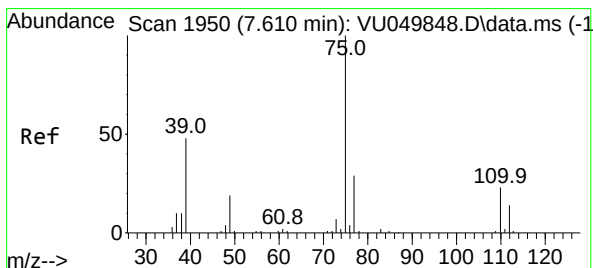
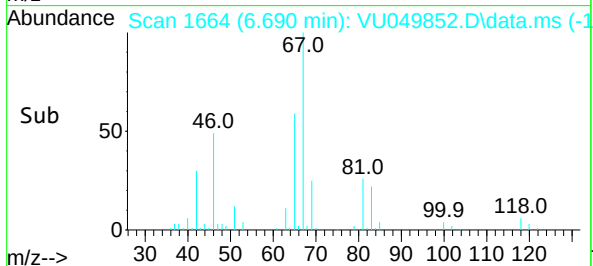
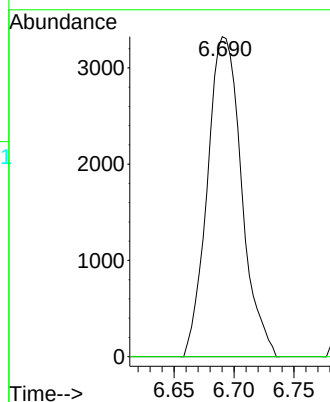
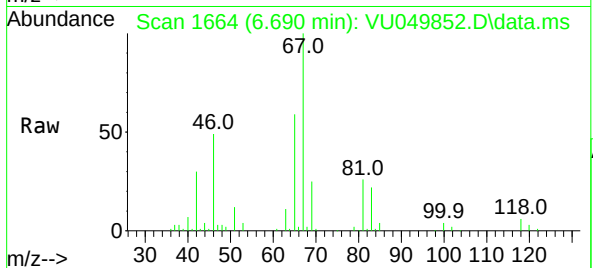




#37
1,2-Dichloropropane
Concen: 0.654 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU049852.D
Acq: 22 Jul 2022 16:09

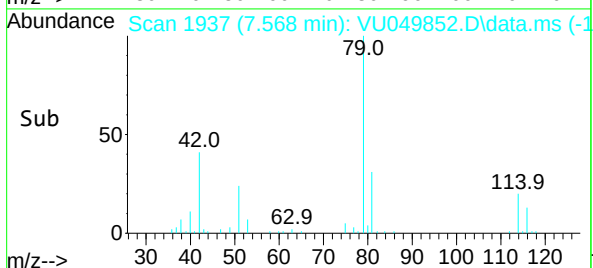
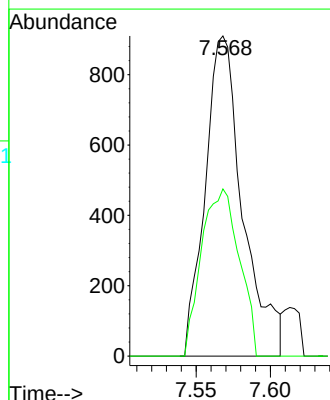
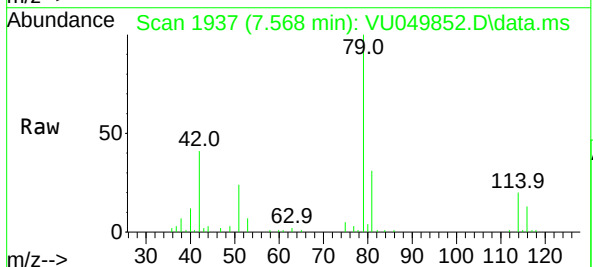
Instrument :
MSVOA_U
ClientSampleId :
GBHY8

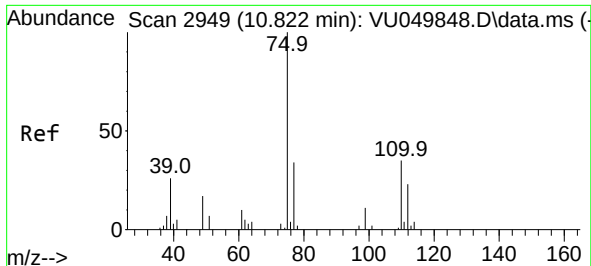
Tgt Ion: 63 Resp: 6597
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#39
cis-1,3-Dichloropropene
Concen: 0.121 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU049852.D
Acq: 22 Jul 2022 16:09

Tgt Ion: 75 Resp: 1602
Ion Ratio Lower Upper
75 100
77 52.2 21.6 40.0#

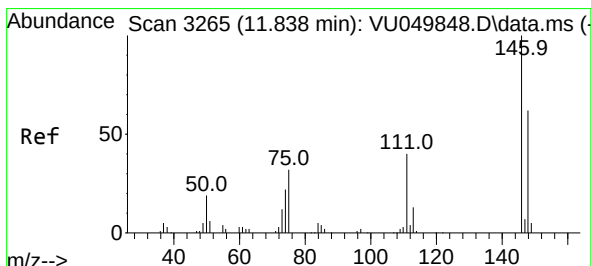
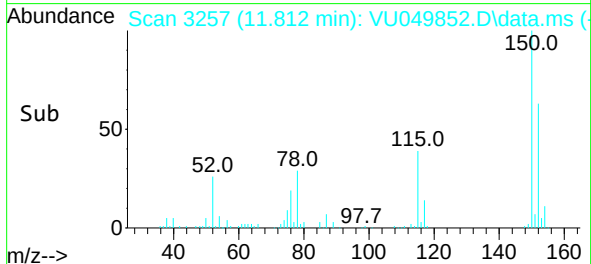
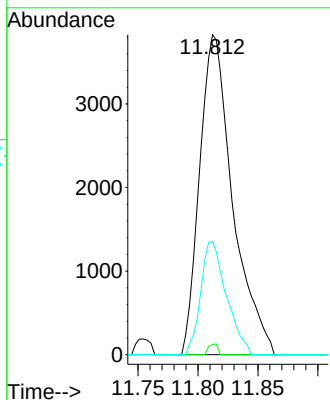
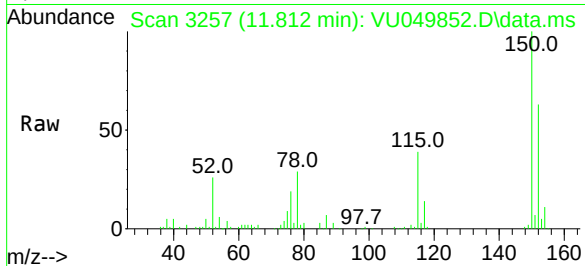




#61
1,2,3-Trichloropropane
Concen: 1.269 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU049852.D
Acq: 22 Jul 2022 16:09

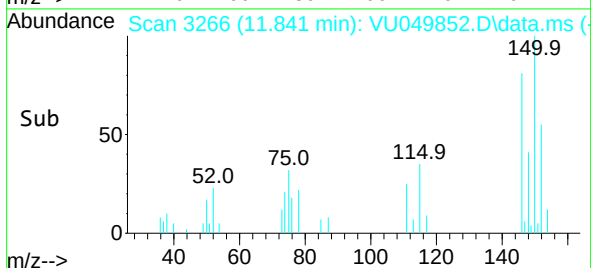
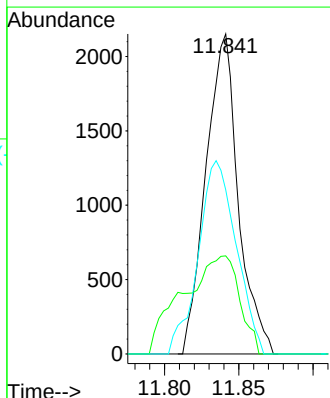
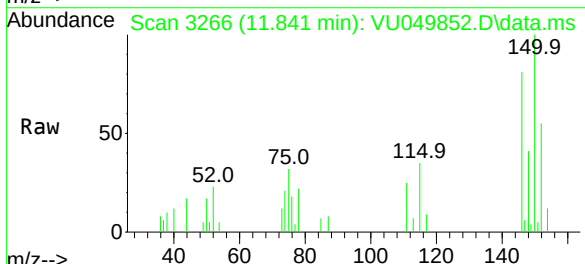
Instrument :
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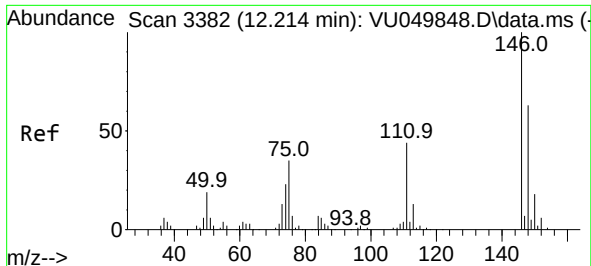
Tgt Ion: 75 Resp: 7338
Ion Ratio Lower Upper
75 100
110 0.9 28.0 42.0#
77 27.5 25.4 38.2



#65
1,4-Dichlorobenzene
Concen: 0.232 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU049852.D
Acq: 22 Jul 2022 16:09

Tgt Ion:146 Resp: 3263
Ion Ratio Lower Upper
146 100
111 30.6 29.5 54.7
148 51.3 44.1 81.9

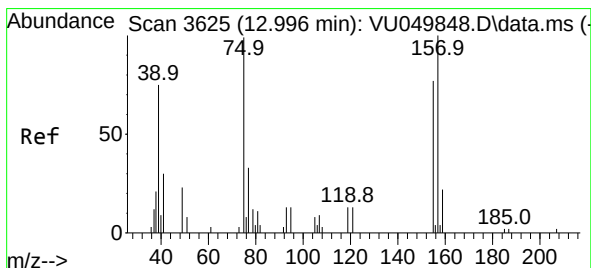
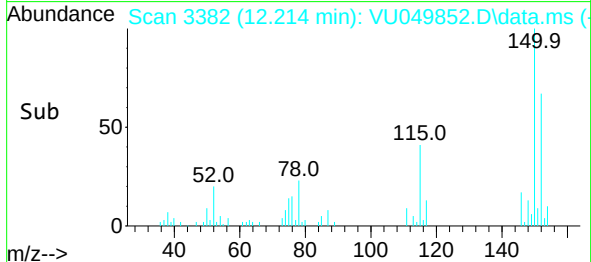
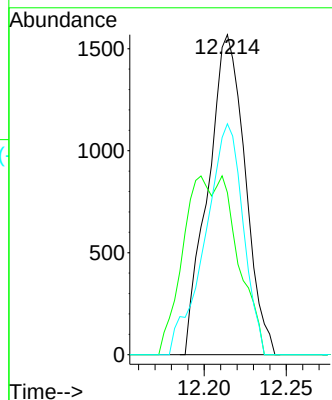
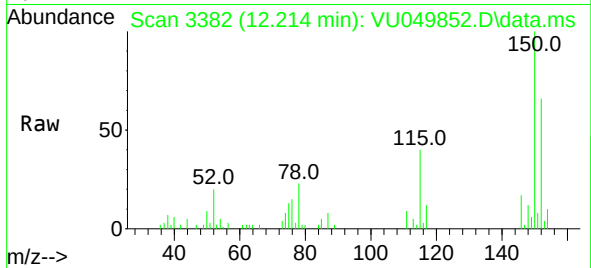




#67
1,2-Dichlorobenzene
Concen: 0.175 ug/L
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU049852.D
Acq: 22 Jul 2022 16:09

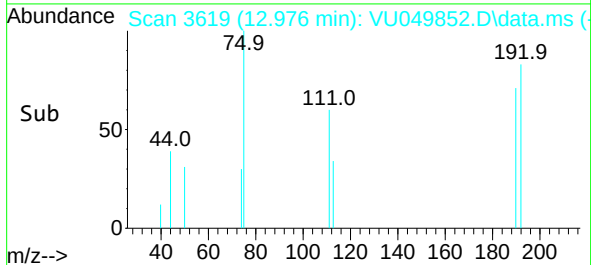
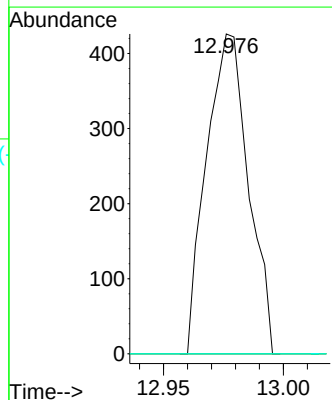
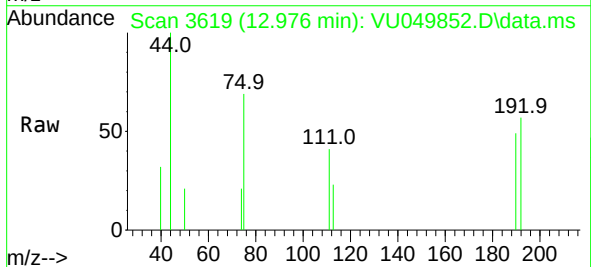
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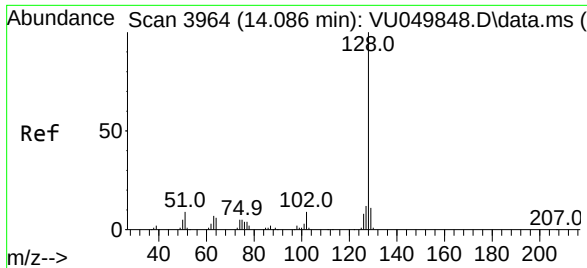
Tgt Ion:146 Resp: 2456
Ion Ratio Lower Upper
146 100
111 50.7 35.8 53.8
148 72.1 50.3 75.5



#68
1,2-Dibromo-3-chloropropane
Concen: 0.401 ug/L
RT: 12.976 min Scan# 3619
Delta R.T. -0.020 min
Lab File: VU049852.D
Acq: 22 Jul 2022 16:09

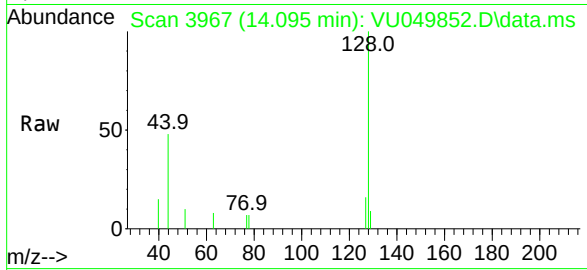
Tgt Ion: 75 Resp: 519
Ion Ratio Lower Upper
75 100
155 0.0 60.4 90.6#
157 0.0 70.0 105.0#





#71
Naphthalene
Concen: 0.178 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.009 min
Lab File: VU049852.D
Acq: 22 Jul 2022 16:09

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:128 Resp: 3047
Ion Ratio Lower Upper
128 100
129 6.5 8.2 12.4#
127 9.4 11.1 16.7#

