

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049858.D
 Acq On : 22 Jul 2022 18:38
 Operator : SY/MD
 Sample : N3802-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBHY2

Quant Time: Jul 23 02:36:16 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)

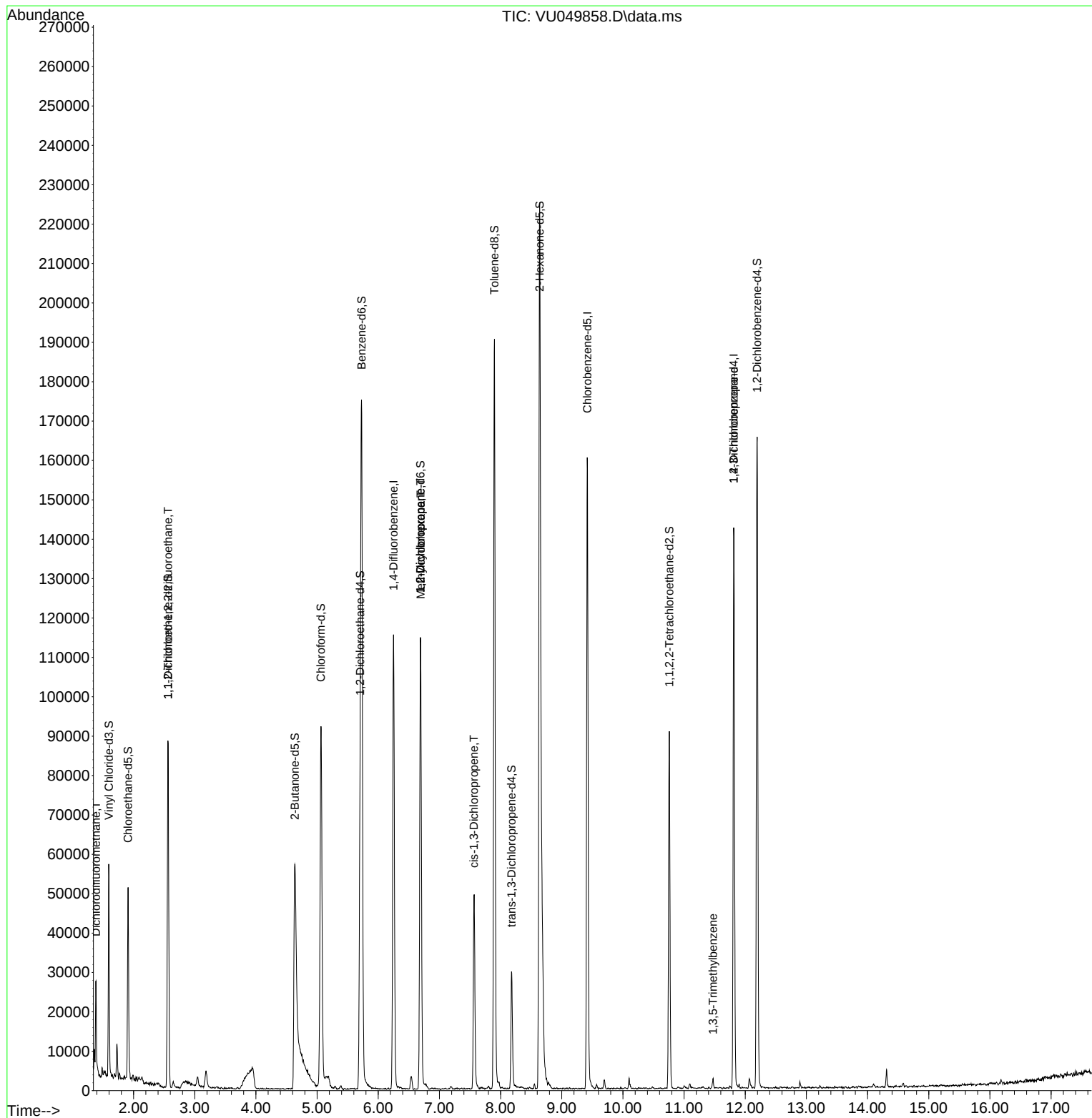
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	89395	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	86597	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	36460	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	37635	5.200	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.000%		
7) Chloroethane-d5	1.909	69	32707	5.400	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 108.000%		
11) 1,1-Dichloroethene-d2	2.565	65	16663	5.158	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 103.200%		
20) 2-Butanone-d5	4.636	46	117279	45.037	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 90.080%		
24) Chloroform-d	5.063	84	82883	5.142	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.800%		
26) 1,2-Dichloroethane-d4	5.703	65	48261	5.106	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 102.200%		
32) Benzene-d6	5.729	84	153050	5.187	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.800%		
36) 1,2-Dichloropropane-d6	6.690	67	54560	5.352	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 107.000%		
41) Toluene-d8	7.899	98	124256	4.817	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.400%		
43) trans-1,3-Dichloroprop...	8.179	79	17601	4.755	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 95.200%		
46) 2-Hexanone-d5	8.639	63	81101	55.297	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 110.600%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43623	5.096	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 102.000%		
66) 1,2-Dichlorobenzene-d4	12.195	152	41792	5.553	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 111.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	14684	1.556	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	514	0.088	ug/L #	21
35) Methylcyclohexane	6.694	83	12399	1.319	ug/L #	16
37) 1,2-Dichloropropane	6.690	63	6207	0.693	ug/L #	89
39) cis-1,3-Dichloropropene	7.562	75	1340	0.114	ug/L #	68
61) 1,2,3-Trichloropropane	11.812	75	5132	1.056	ug/L #	67
62) 1,3,5-Trimethylbenzene	11.472	105	1819	0.089	ug/L	88

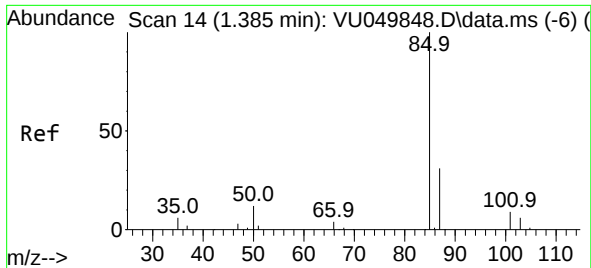
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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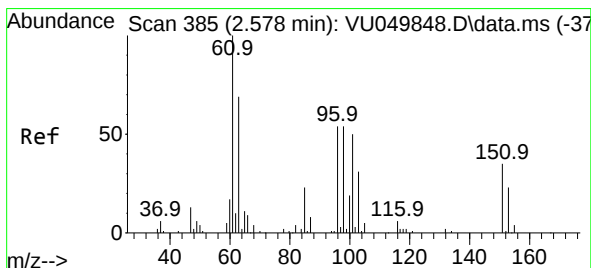
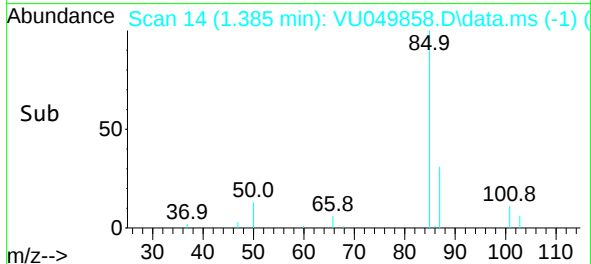
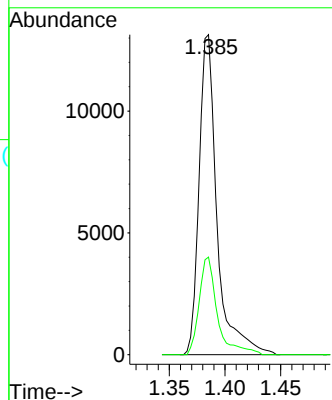
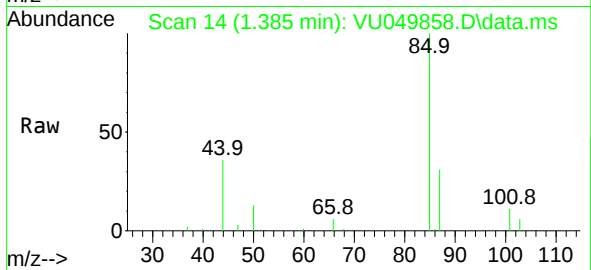




#2
Dichlorodifluoromethane
Concen: 1.556 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049858.D
Acq: 22 Jul 2022 18:38

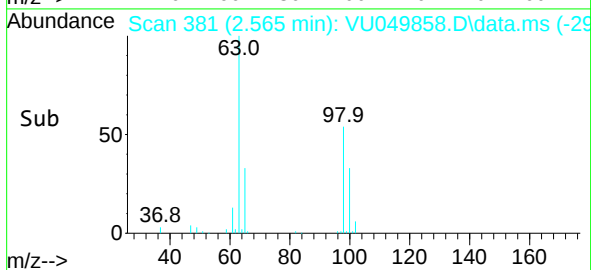
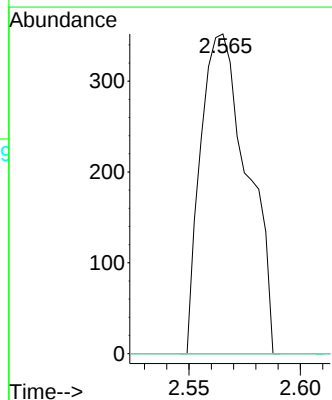
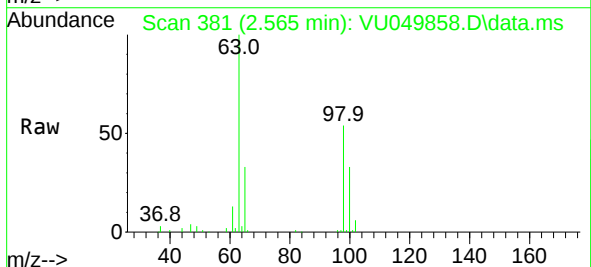
Instrument :
MSVOA_U
ClientSampleId :
GBHY2

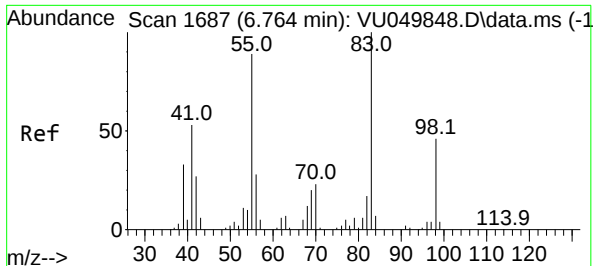
Tgt Ion: 85 Resp: 14684
Ion Ratio Lower Upper
85 100
87 31.0 25.4 38.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.088 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU049858.D
Acq: 22 Jul 2022 18:38

Tgt Ion:101 Resp: 514
Ion Ratio Lower Upper
101 100
85 0.0 37.2 55.8#
151 0.0 56.0 84.0#

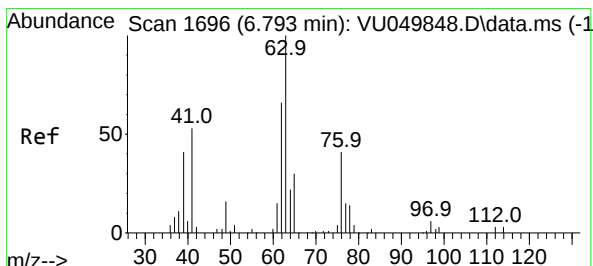
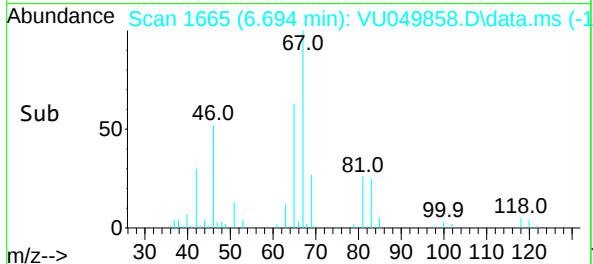
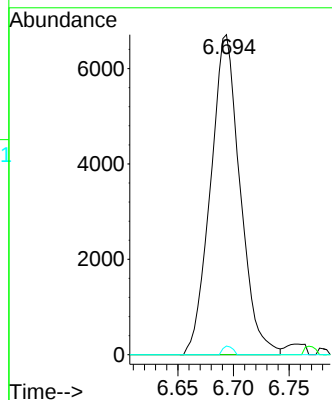
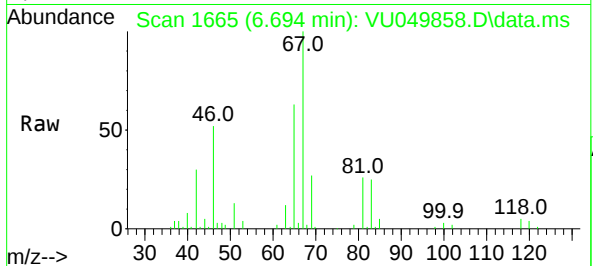




#35
Methylcyclohexane
Concen: 1.319 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU049858.D
Acq: 22 Jul 2022 18:38

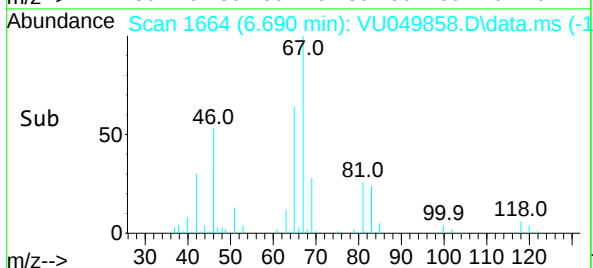
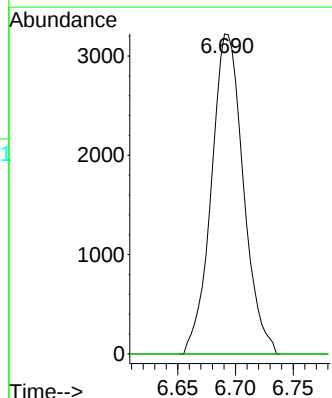
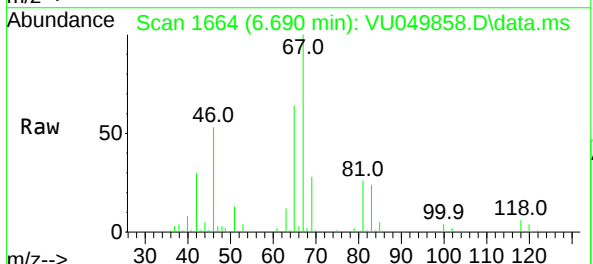
Instrument :
MSVOA_U
ClientSampleId :
GBHY2

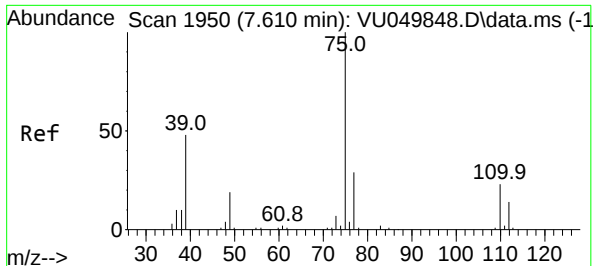
Tgt Ion: 83 Resp: 12399
Ion Ratio Lower Upper
83 100
55 1.0 69.0 103.4#
98 0.9 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.693 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU049858.D
Acq: 22 Jul 2022 18:38

Tgt Ion: 63 Resp: 6207
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 7.562 min Scan# 11

Delta R.T. -0.048 min

Lab File: VU049858.D

Acq: 22 Jul 2022 18:38

Instrument :

MSVOA_U

ClientSampleId :

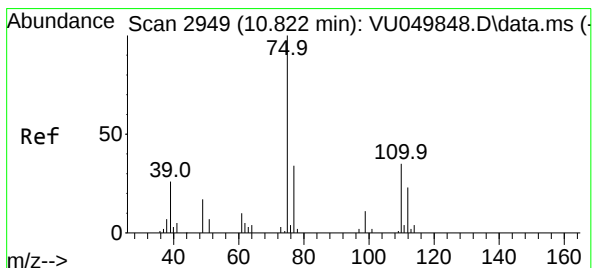
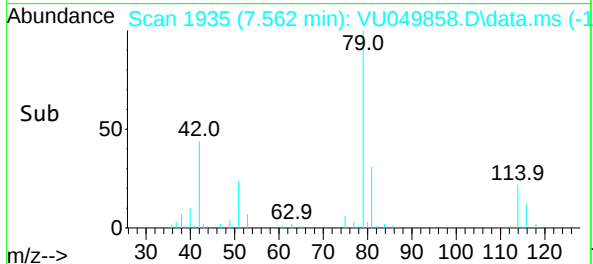
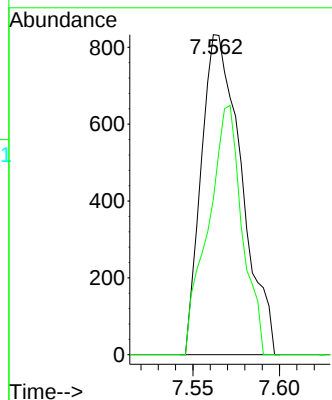
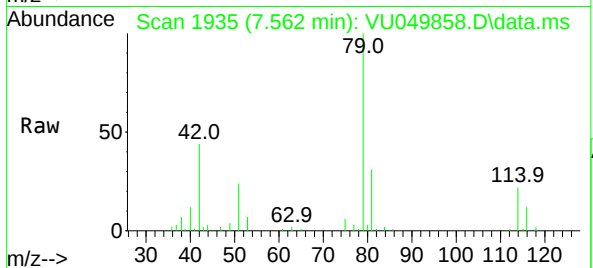
GBHY2

Tgt Ion: 75 Resp: 1340

Ion Ratio Lower Upper

75 100

77 48.5 21.6 40.0#



#61

1,2,3-Trichloropropane

Concen: 1.056 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049858.D

Acq: 22 Jul 2022 18:38

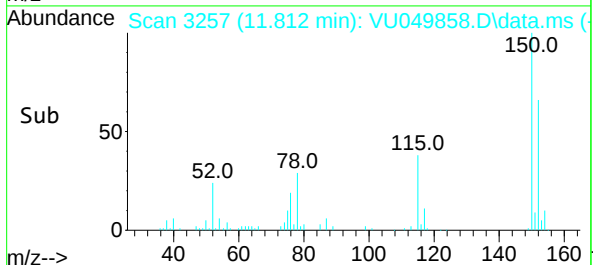
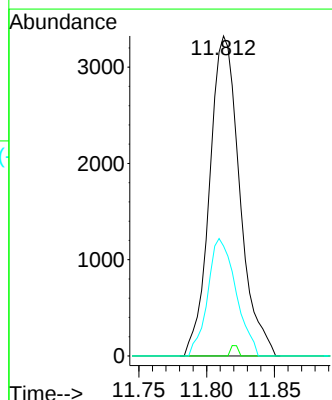
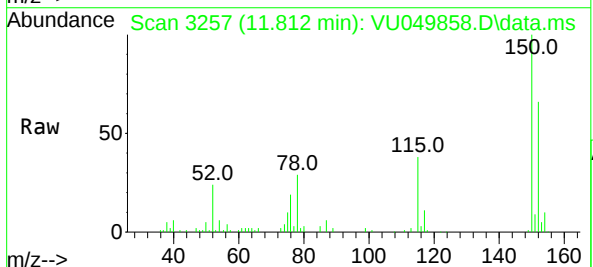
Tgt Ion: 75 Resp: 5132

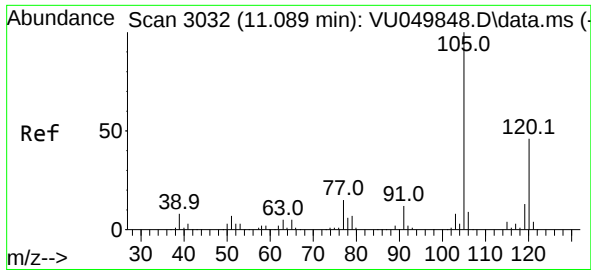
Ion Ratio Lower Upper

75 100

110 0.8 28.0 42.0#

77 34.4 25.4 38.2





#62
 1,3,5-Trimethylbenzene
 Concen: 0.089 ug/L
 RT: 11.472 min Scan# 31
 Delta R.T. 0.383 min
 Lab File: VU049858.D
 Acq: 22 Jul 2022 18:38

Instrument :
 MSVOA_U
 ClientSampleId :
 GBHY2

Tgt Ion:105 Resp: 1819
 Ion Ratio Lower Upper
 105 100
 120 39.5 38.0 57.0

