

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049859.D
 Acq On : 22 Jul 2022 19:02
 Operator : SY/MD
 Sample : N3802-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBHY4

Quant Time: Jul 23 02:36:25 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)

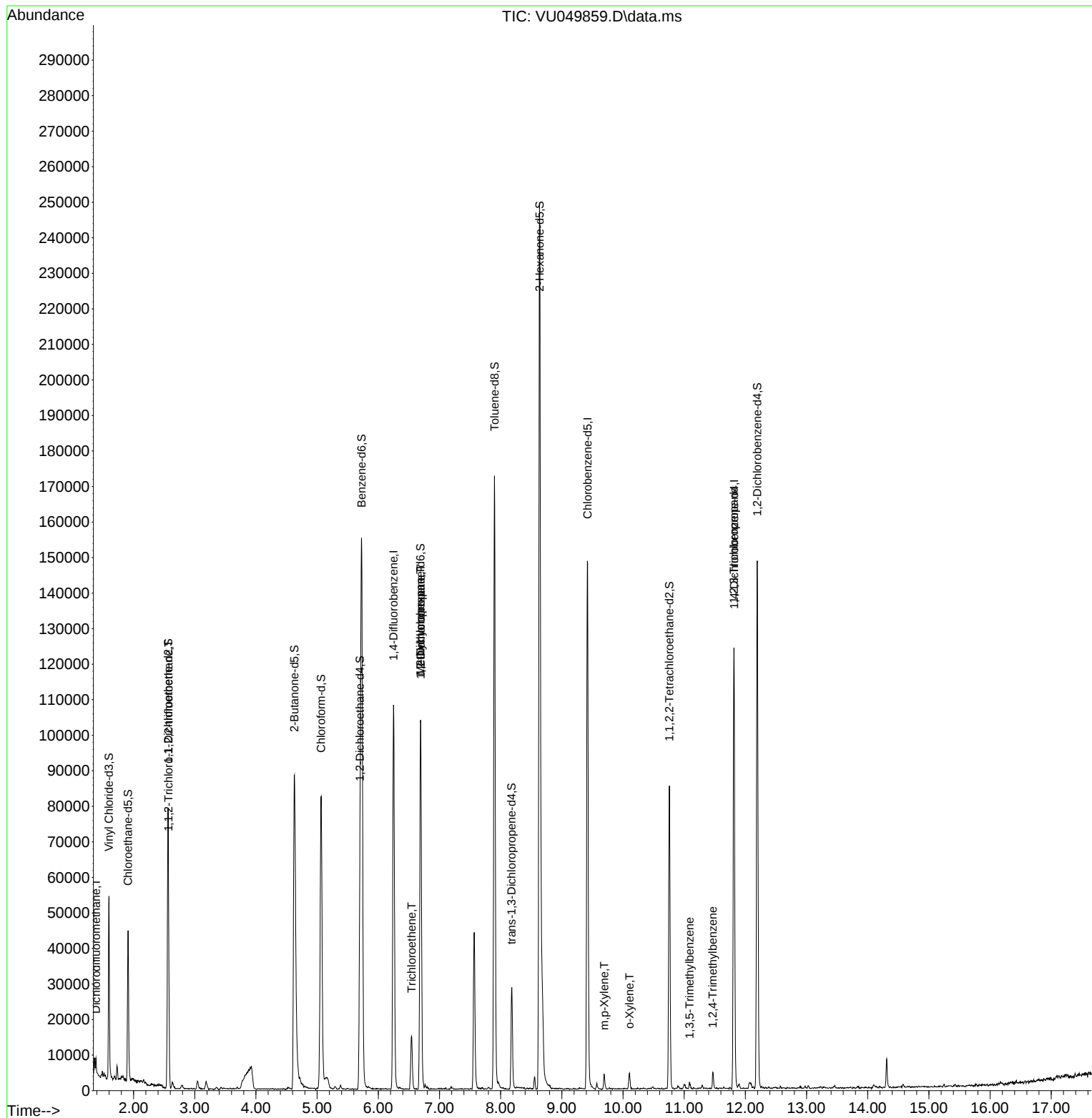
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	83194	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	80742	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	32103	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	35681	5.298	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 106.000%		
7) Chloroethane-d5	1.909	69	28891	5.125	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 102.600%		
11) 1,1-Dichloroethene-d2	2.565	65	14970	4.980	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 99.600%		
20) 2-Butanone-d5	4.626	46	132033	54.483	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 108.960%		
24) Chloroform-d	5.063	84	74975	4.998	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.000%		
26) 1,2-Dichloroethane-d4	5.700	65	45816	5.209	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.200%		
32) Benzene-d6	5.729	84	138921	5.049	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.000%		
36) 1,2-Dichloropropane-d6	6.690	67	48648	5.118	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 102.400%		
41) Toluene-d8	7.899	98	110155	4.580	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 91.600%		
43) trans-1,3-Dichloroprop...	8.179	79	16073	4.658	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 93.200%		
46) 2-Hexanone-d5	8.636	63	74401	54.408	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 108.820%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42232	5.291	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 105.800%		
66) 1,2-Dichlorobenzene-d4	12.195	152	38692	5.839	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 116.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	2691	0.306	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	470	0.087	ug/L #	21
34) Trichloroethene	6.546	95	5276	0.743	ug/L	88
35) Methylcyclohexane	6.690	83	11336	1.294	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	5348	0.640	ug/L #	89
53) m,p-Xylene	9.693	106	1168	0.105	ug/L	97
54) o-Xylene	10.105	106	1334	0.122	ug/L	83
61) 1,2,3-Trichloropropane	11.812	75	4582	1.071	ug/L #	67
62) 1,3,5-Trimethylbenzene	11.089	105	1355	0.076	ug/L	91
63) 1,2,4-Trimethylbenzene	11.468	105	3080	0.177	ug/L	96

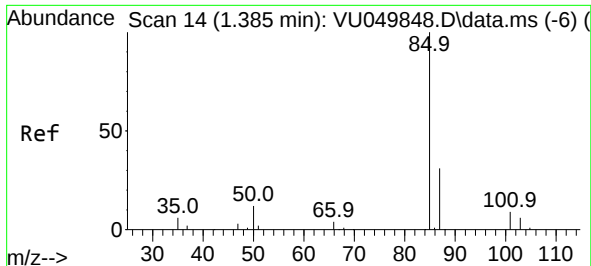
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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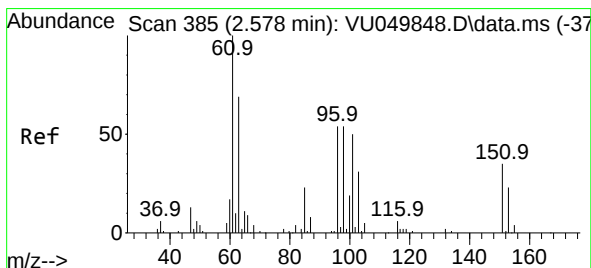
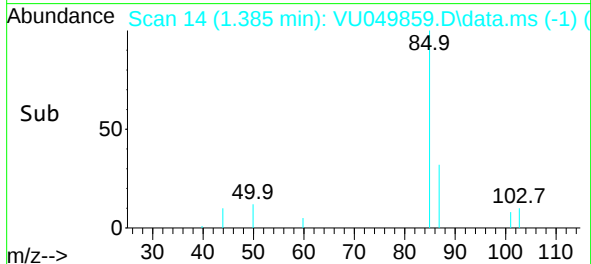
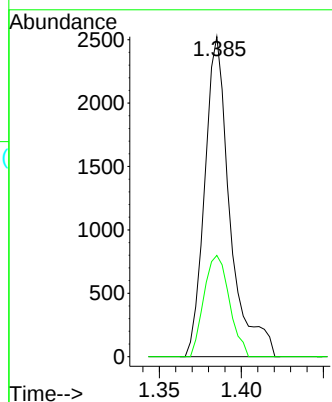
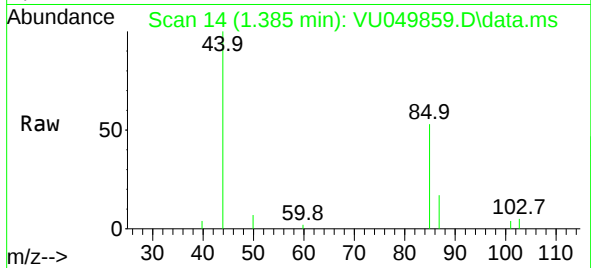




#2
 Dichlorodifluoromethane
 Concen: 0.306 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VU049859.D
 Acq: 22 Jul 2022 19:02

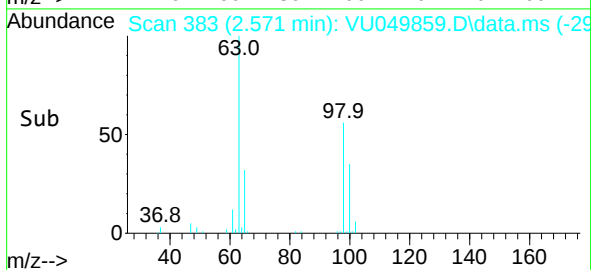
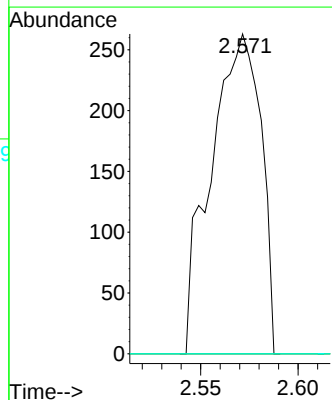
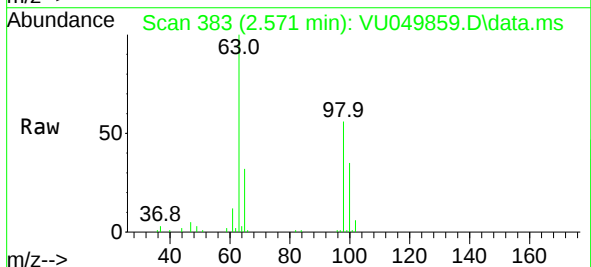
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 MSVOA_U
 ClientSampleId :
 GBHY4

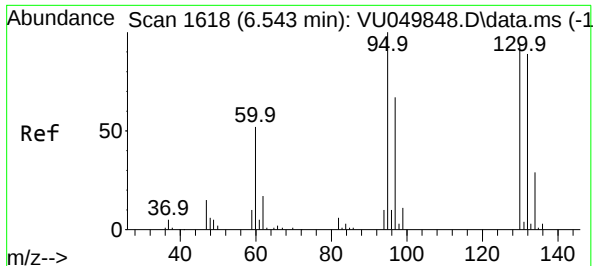
Tgt Ion: 85 Resp: 2691
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.4 38.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.087 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.007 min
 Lab File: VU049859.D
 Acq: 22 Jul 2022 19:02

Tgt Ion:101 Resp: 470
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.2 55.8#
 151 0.0 56.0 84.0#



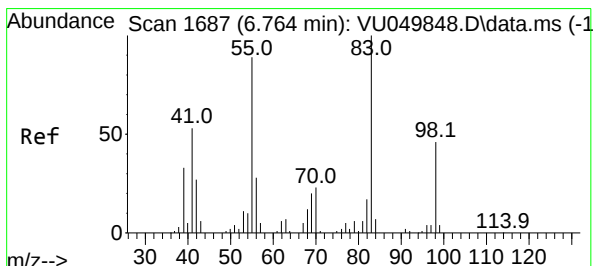
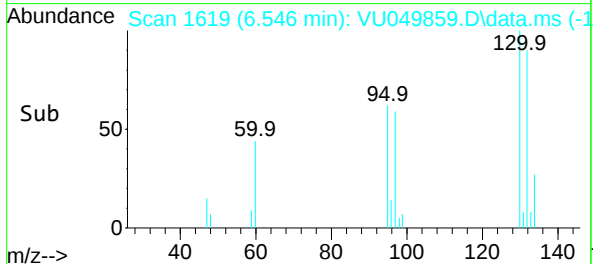
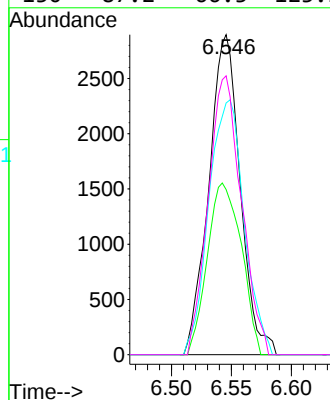
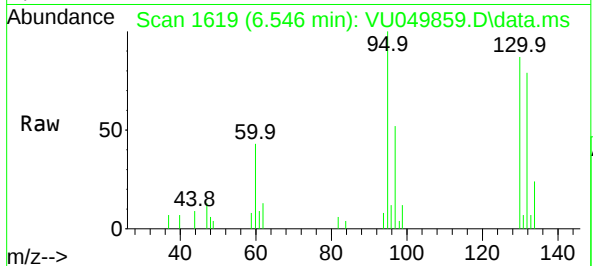


#34
Trichloroethene
Concen: 0.743 ug/L
RT: 6.546 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049859.D
Acq: 22 Jul 2022 19:02

Instrument :
MSVOA_U
ClientSampleId :
GBHY4

Tgt Ion: 95 Resp: 5276

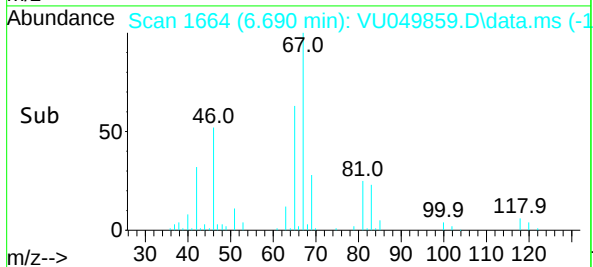
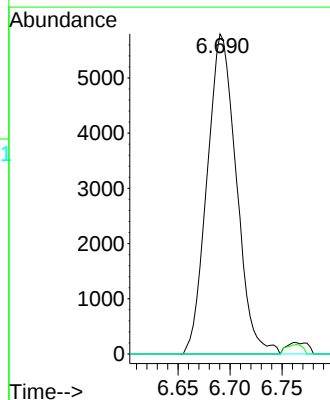
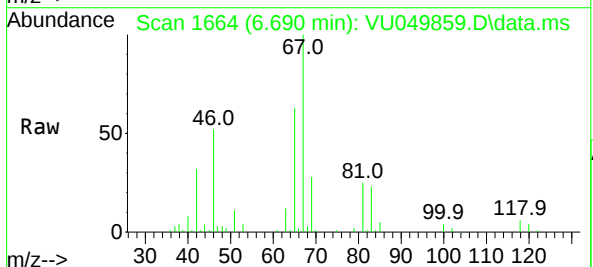
Ion	Ratio	Lower	Upper
95	100		
97	51.6	46.8	86.8
132	78.6	61.8	114.8
130	87.2	66.3	123.1

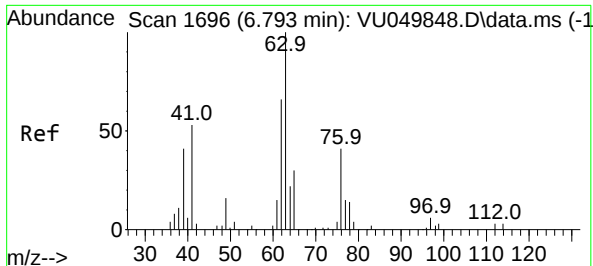


#35
Methylcyclohexane
Concen: 1.294 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049859.D
Acq: 22 Jul 2022 19:02

Tgt Ion: 83 Resp: 11336

Ion	Ratio	Lower	Upper
83	100		
55	1.7	69.0	103.4#
98	4.9	36.4	54.6#





#37

1,2-Dichloropropane

Concen: 0.640 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049859.D

Acq: 22 Jul 2022 19:02

Instrument :

MSVOA_U

ClientSampleId :

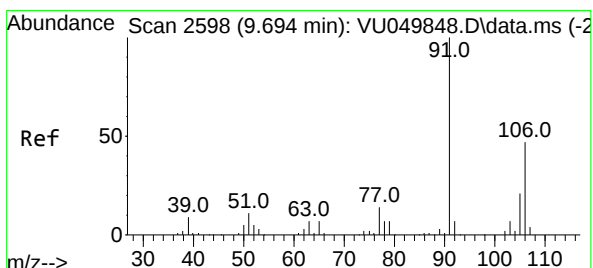
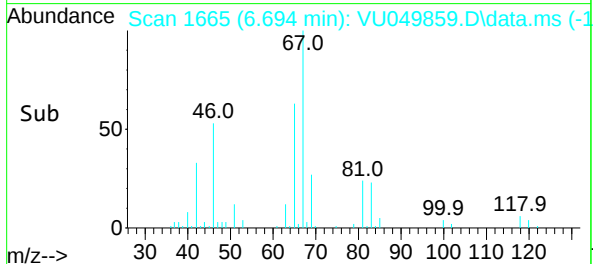
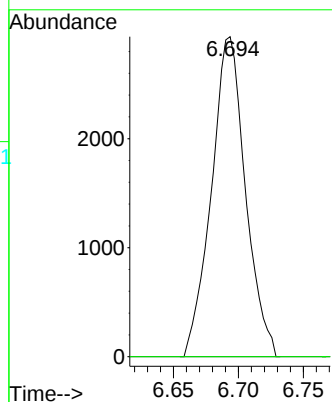
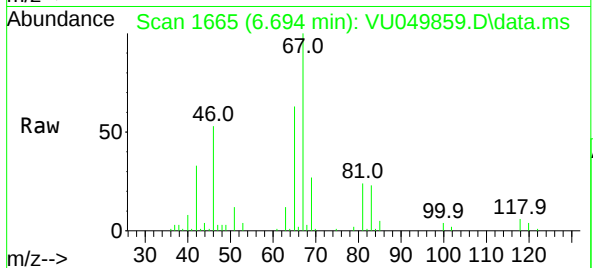
GBHY4

Tgt Ion: 63 Resp: 5348

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#53

m,p-Xylene

Concen: 0.105 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU049859.D

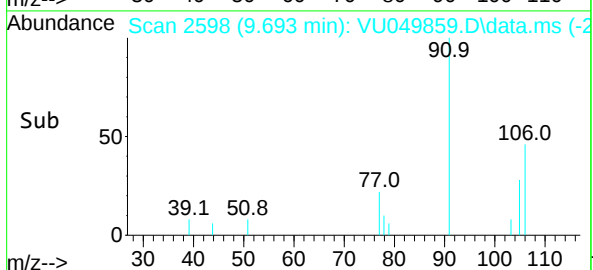
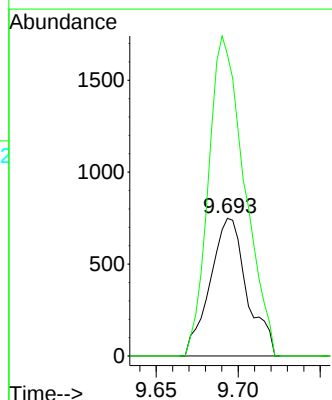
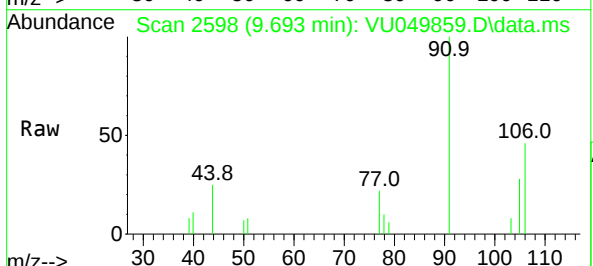
Acq: 22 Jul 2022 19:02

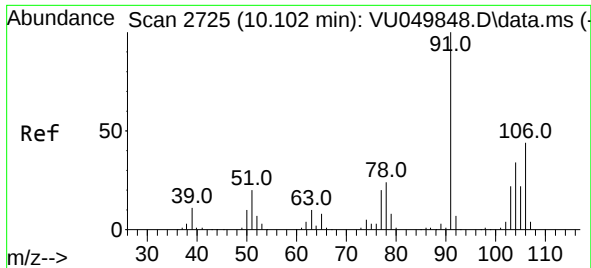
Tgt Ion: 106 Resp: 1168

Ion Ratio Lower Upper

106 100

91 219.0 149.7 277.9

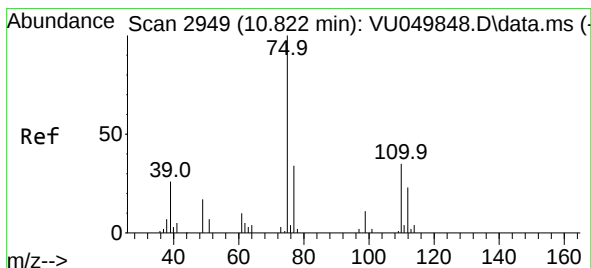
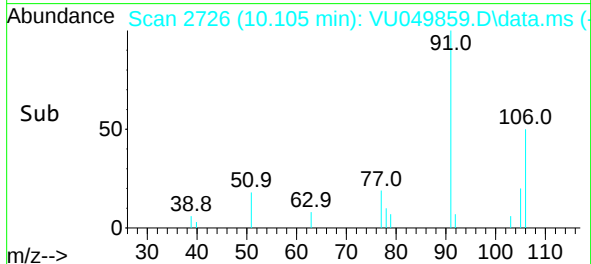
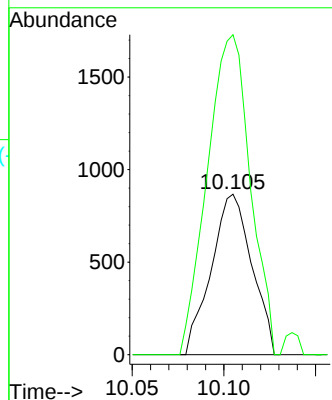
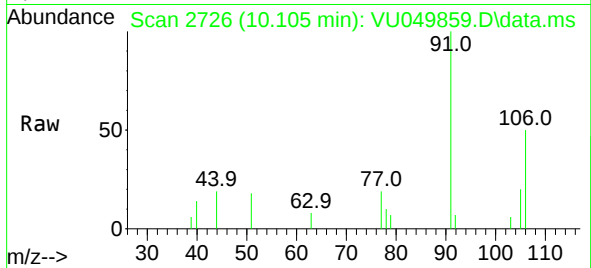




#54
o-Xylene
Concen: 0.122 ug/L
RT: 10.105 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049859.D
Acq: 22 Jul 2022 19:02

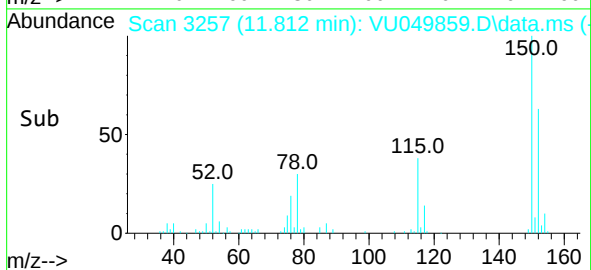
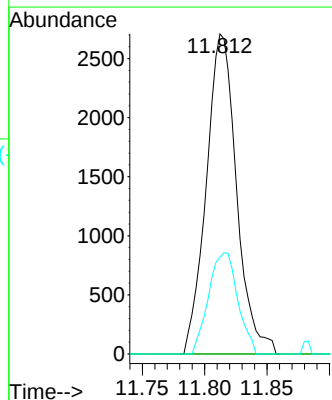
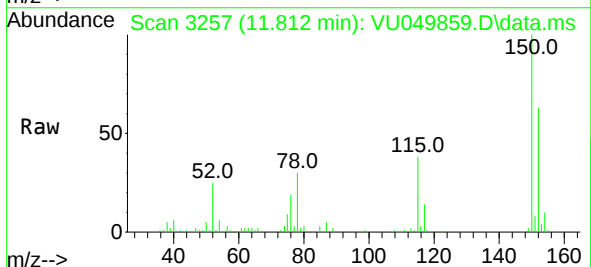
Instrument :
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ClientSampleId :
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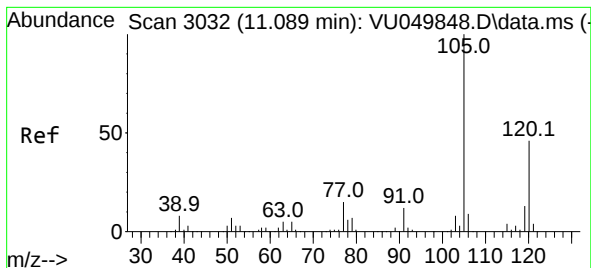
Tgt Ion:106 Resp: 1334
Ion Ratio Lower Upper
106 100
91 199.4 159.4 296.0



#61
1,2,3-Trichloropropane
Concen: 1.071 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049859.D
Acq: 22 Jul 2022 19:02

Tgt Ion: 75 Resp: 4582
Ion Ratio Lower Upper
75 100
110 0.0 28.0 42.0#
77 30.4 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 0.076 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU049859.D

Acq: 22 Jul 2022 19:02

Instrument :

MSVOA_U

ClientSampleId :

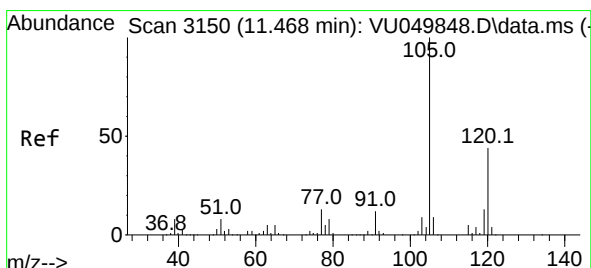
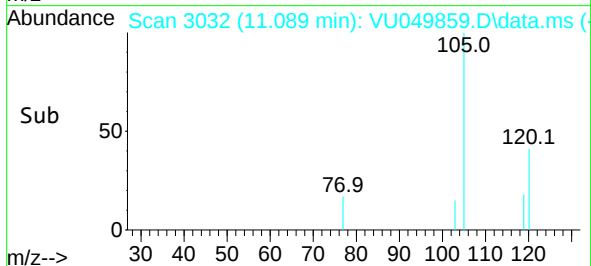
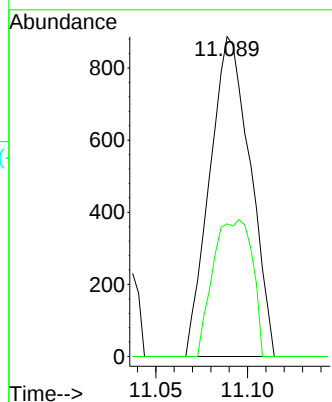
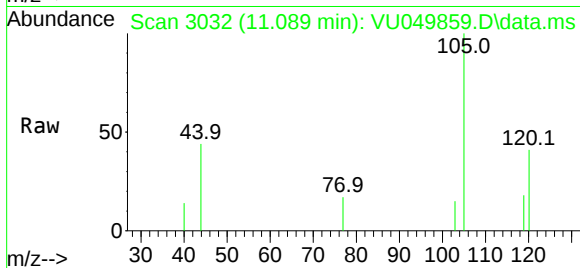
GBHY4

Tgt Ion:105 Resp: 1355

Ion Ratio Lower Upper

105 100

120 41.5 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 0.177 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU049859.D

Acq: 22 Jul 2022 19:02

Tgt Ion:105 Resp: 3080

Ion Ratio Lower Upper

105 100

120 40.5 34.2 51.4

