

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049851.D
 Acq On : 22 Jul 2022 15:45
 Operator : SY/MD
 Sample : N3825-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBHY3

Quant Time: Jul 23 02:35:23 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

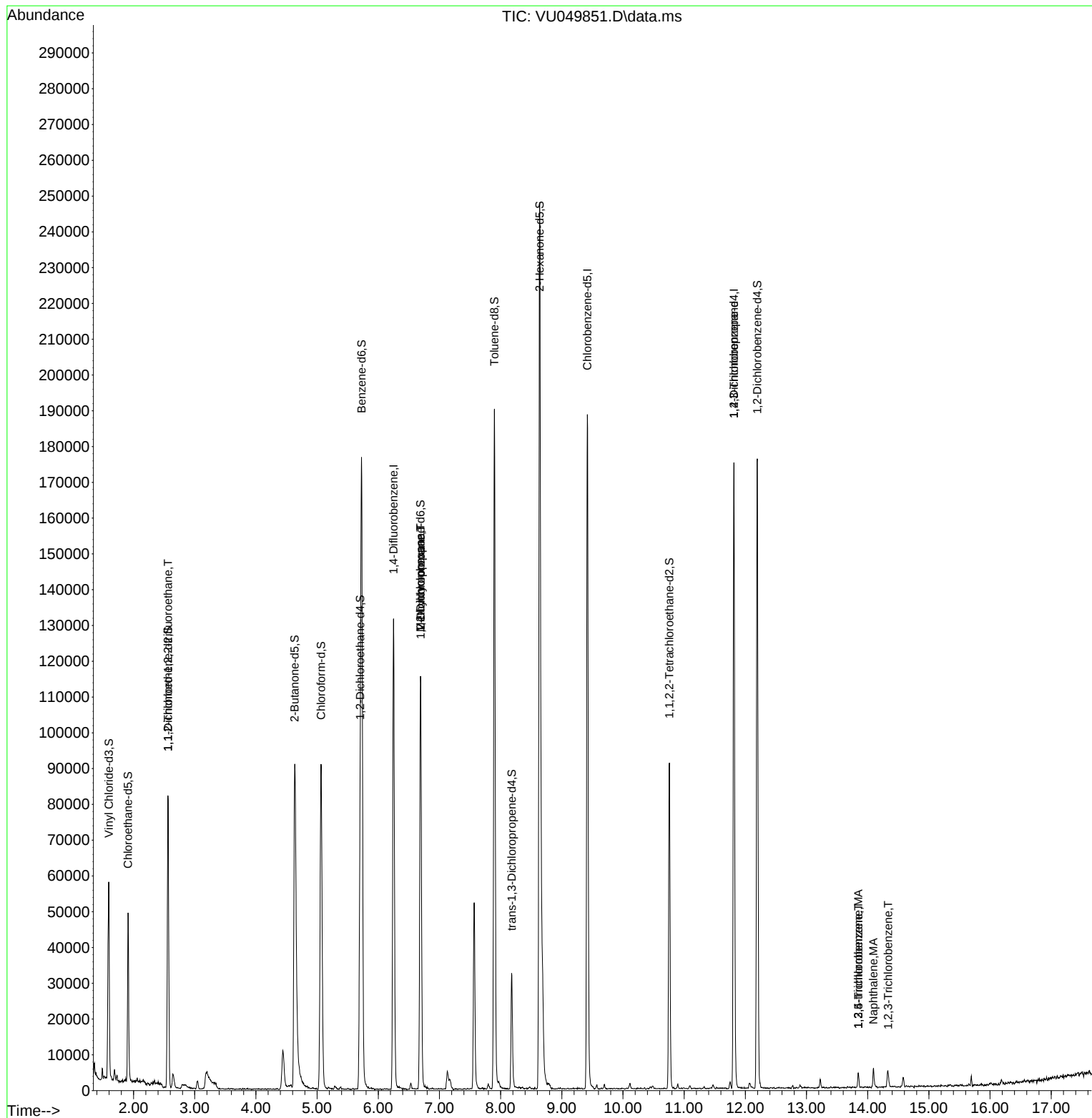
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	101037	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	101079	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	45410	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	35260	4.311	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.910	69	31607	4.617	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.562	65	15206	4.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.633	46	138829	47.170	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.340%
24) Chloroform-d	5.064	84	84621	4.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.704	65	49734	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.726	84	154764	4.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.691	67	54555	4.585	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.896	98	124759	4.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.183	79	18550	4.294	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.636	63	77956	45.537	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.080%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45148	4.518	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	44415	4.739	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	469	0.071	ug/L #	21
35) Methylcyclohexane	6.691	83	12076	1.101	ug/L #	15
37) 1,2-Dichloropropane	6.694	63	5990	0.573	ug/L #	91
61) 1,2,3-Trichloropropane	11.813	75	5978	0.988	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.845	180	1602	0.146	ug/L	94
70) 1,2,4-trichlorobenzene	13.845	180	1602	0.174	ug/L #	93
71) Naphthalene	14.092	128	4872	0.271	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.337	180	1777	0.201	ug/L #	92

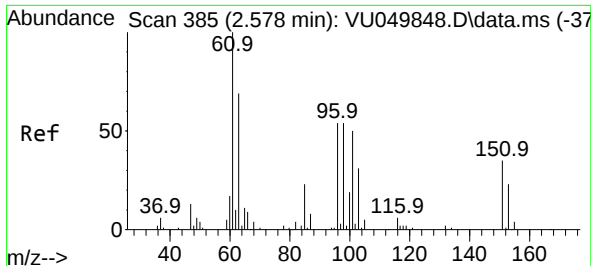
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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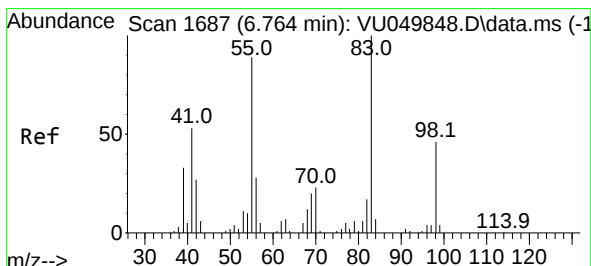
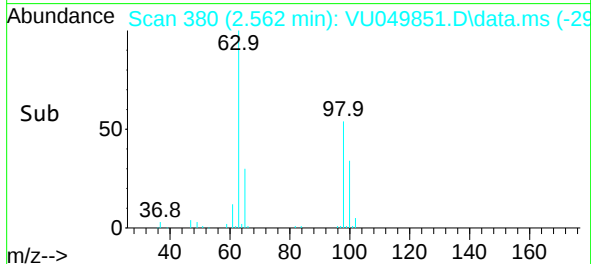
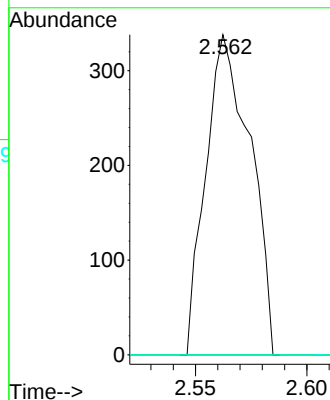
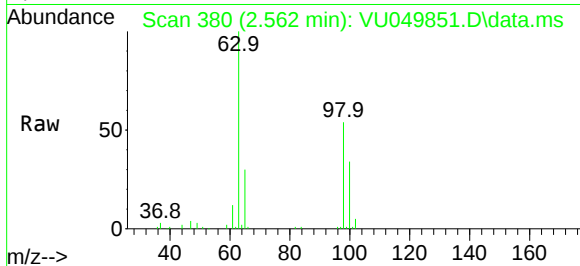




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.071 ug/L
RT: 2.562 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU049851.D
Acq: 22 Jul 2022 15:45

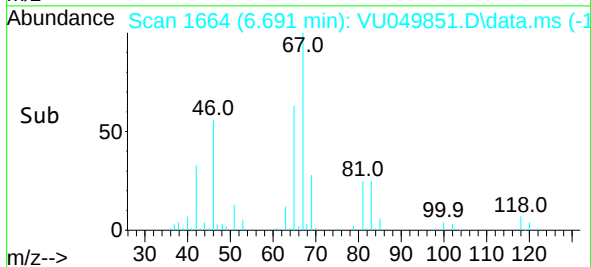
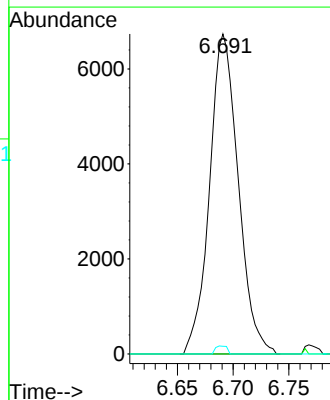
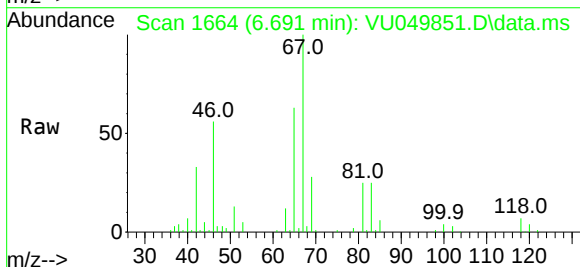
Instrument :
MSVOA_U
ClientSampleId :
GBHY3

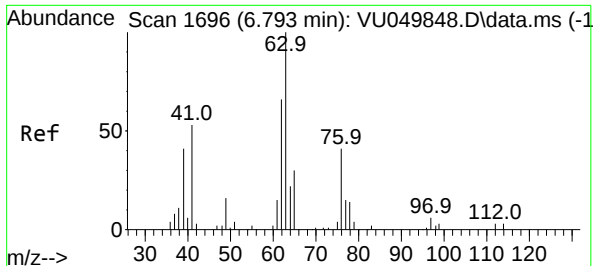
Tgt Ion:101 Resp: 469
Ion Ratio Lower Upper
101 100
85 0.0 37.2 55.8#
151 0.0 56.0 84.0#



#35
Methylcyclohexane
Concen: 1.101 ug/L
RT: 6.691 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049851.D
Acq: 22 Jul 2022 15:45

Tgt Ion: 83 Resp: 12076
Ion Ratio Lower Upper
83 100
55 0.2 69.0 103.4#
98 1.0 36.4 54.6#

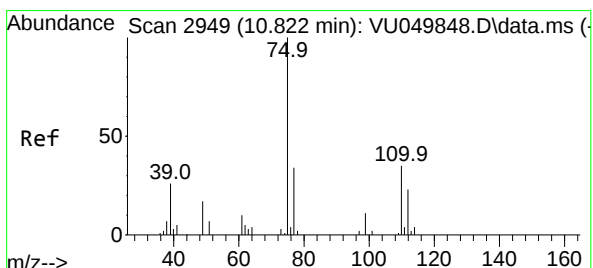
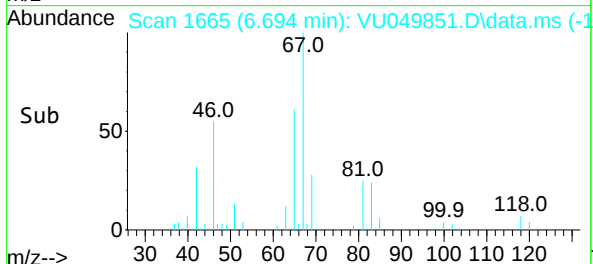
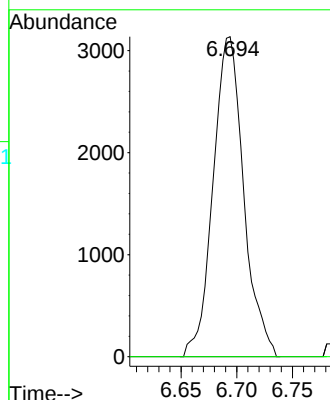
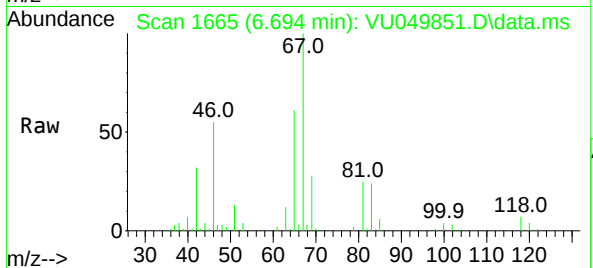




#37
1,2-Dichloropropane
Concen: 0.573 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU049851.D
Acq: 22 Jul 2022 15:45

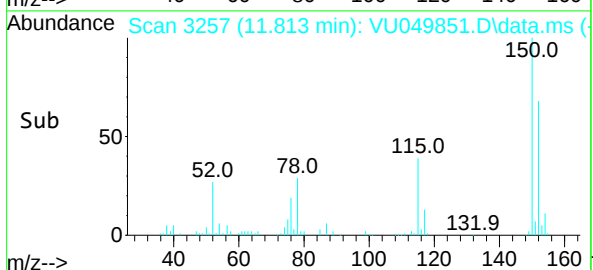
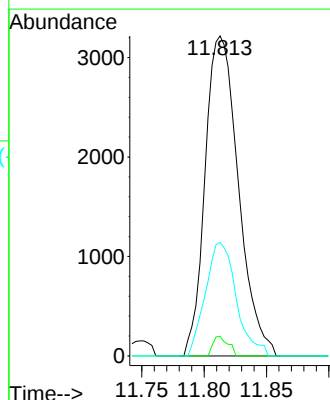
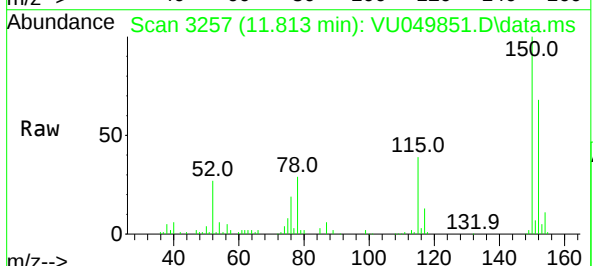
Instrument :
MSVOA_U
ClientSampleId :
GBHY3

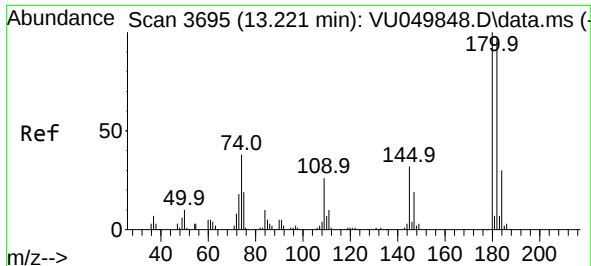
Tgt Ion: 63 Resp: 5990
Ion Ratio Lower Upper
63 100
112 0.7 2.8 4.2#



#61
1,2,3-Trichloropropane
Concen: 0.988 ug/L
RT: 11.813 min Scan# 3257
Delta R.T. 0.991 min
Lab File: VU049851.D
Acq: 22 Jul 2022 15:45

Tgt Ion: 75 Resp: 5978
Ion Ratio Lower Upper
75 100
110 2.8 28.0 42.0#
77 32.8 25.4 38.2





#69

1,3,5-Trichlorobenzene

Concen: 0.146 ug/L

RT: 13.845 min Scan# 3889

Delta R.T. 0.624 min

Lab File: VU049851.D

Acq: 22 Jul 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

GBHY3

Tgt Ion:180 Resp: 1602

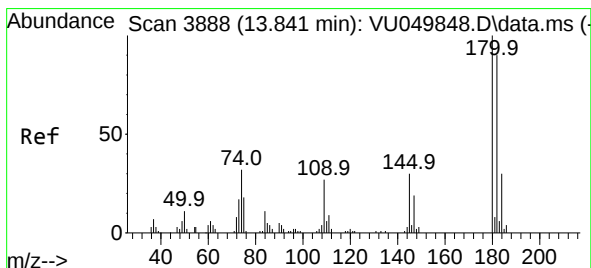
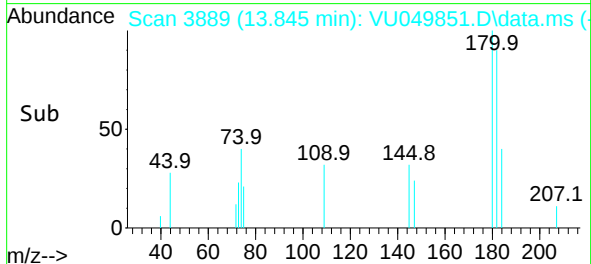
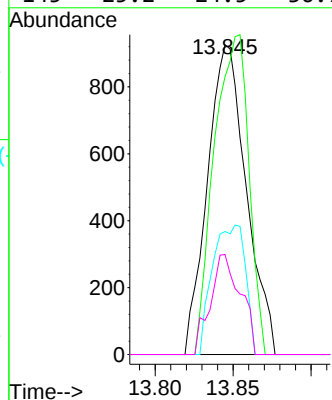
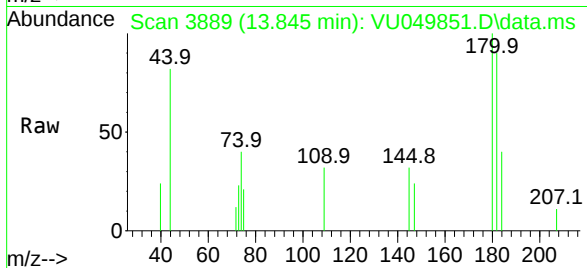
Ion Ratio Lower Upper

180 100

182 91.8 77.2 115.8

184 35.4 25.3 37.9

145 25.2 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 0.174 ug/L

RT: 13.845 min Scan# 3889

Delta R.T. 0.004 min

Lab File: VU049851.D

Acq: 22 Jul 2022 15:45

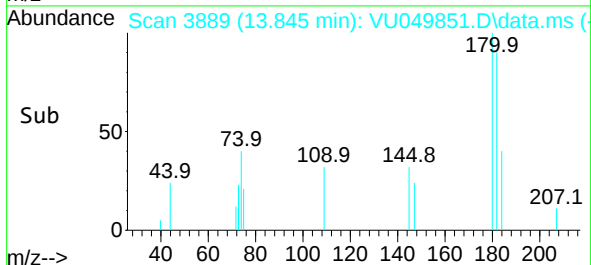
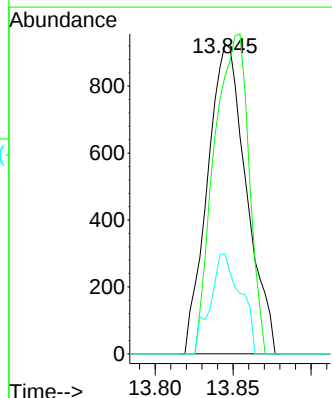
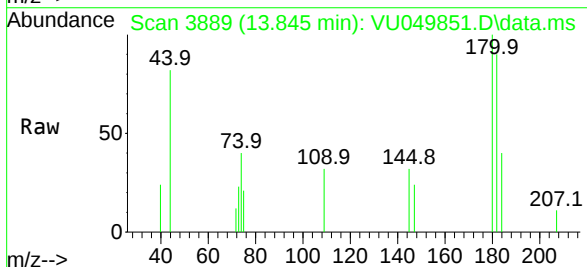
Tgt Ion:180 Resp: 1602

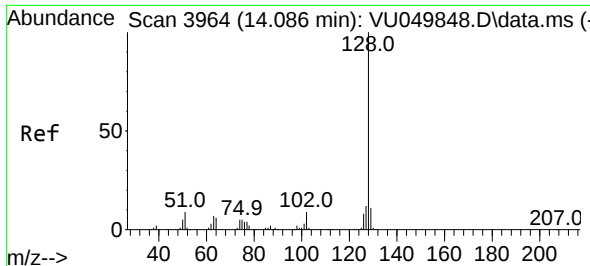
Ion Ratio Lower Upper

180 100

182 91.8 77.0 115.4

145 25.2 26.1 39.1#

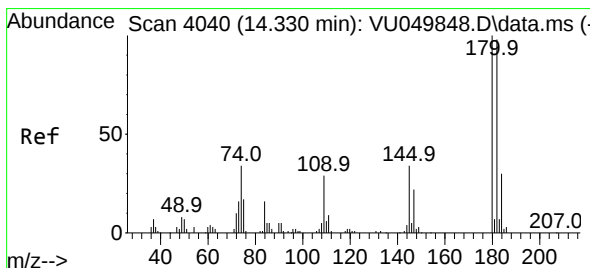
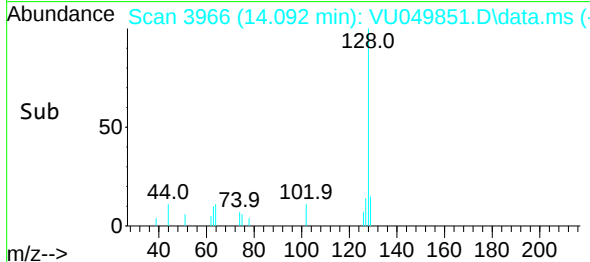
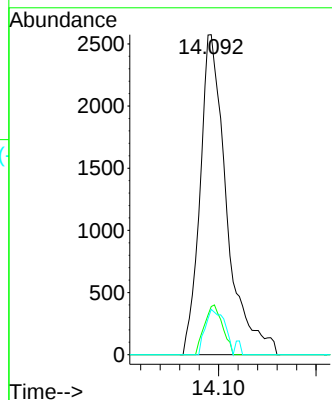
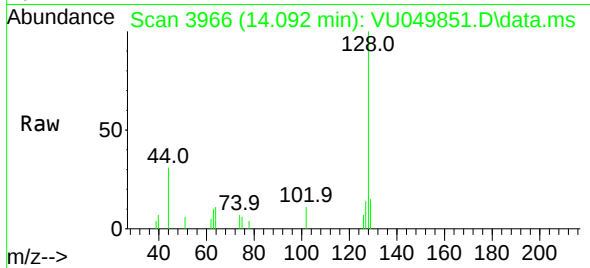




#71
Naphthalene
Concen: 0.271 ug/L
RT: 14.092 min Scan# 3964
Delta R.T. 0.007 min
Lab File: VU049851.D
Acq: 22 Jul 2022 15:45

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Tgt Ion:128 Resp: 4872
Ion Ratio Lower Upper
128 100
129 10.6 8.2 12.4
127 10.3 11.1 16.7#



#72
1,2,3-Trichlorobenzene
Concen: 0.201 ug/L
RT: 14.337 min Scan# 4042
Delta R.T. 0.007 min
Lab File: VU049851.D
Acq: 22 Jul 2022 15:45

Tgt Ion:180 Resp: 1777
Ion Ratio Lower Upper
180 100
182 86.6 73.9 110.9
145 27.6 27.8 41.6#

