

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051569.D
 Acq On : 28 Oct 2022 15:16
 Operator : JC/MD
 Sample : VIBLK126
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK126

Quant Time: Oct 28 22:45:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 22:38:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

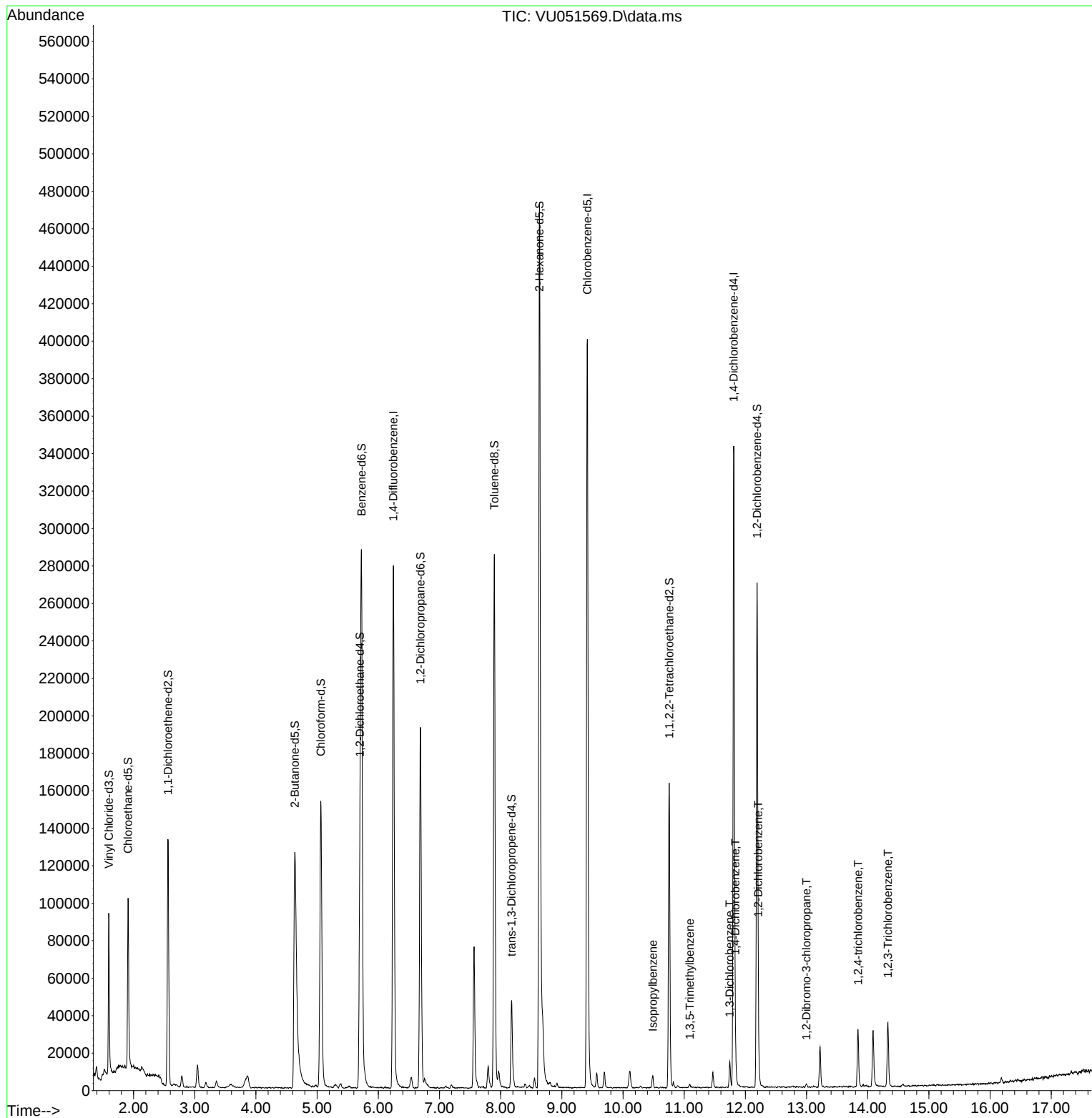
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	234791	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	237365	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	95788	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	65233	3.689	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.909	69	68725	3.726	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.562	65	24283	3.784	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.636	46	233041	36.389	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.780%
24) Chloroform-d	5.060	84	146842	3.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.000%
26) 1,2-Dichloroethane-d4	5.700	65	80733	3.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
32) Benzene-d6	5.726	84	276705	3.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
36) 1,2-Dichloropropane-d6	6.690	67	97927	3.739	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.800%
41) Toluene-d8	7.896	98	200506	3.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.000%#
43) trans-1,3-Dichloroprop...	8.179	79	27393	3.420	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.400%
46) 2-Hexanone-d5	8.632	63	168776	35.008	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.020%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	83842	3.493	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	72092	4.101	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						
60) Isopropylbenzene	10.488	105	4339	0.062	ug/L #	93
62) 1,3,5-Trimethylbenzene	11.092	105	1368	0.073	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	6269	0.180	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	6983	0.200	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	6240	0.184	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	12.996	75	591	0.232	ug/L #	75
70) 1,2,4-trichlorobenzene	13.841	180	10738	0.564	ug/L	96
72) 1,2,3-Trichlorobenzene	14.330	180	11847	0.616	ug/L	96

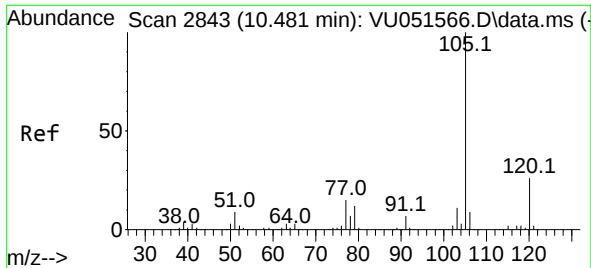
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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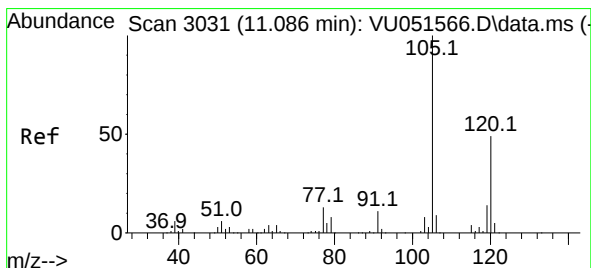
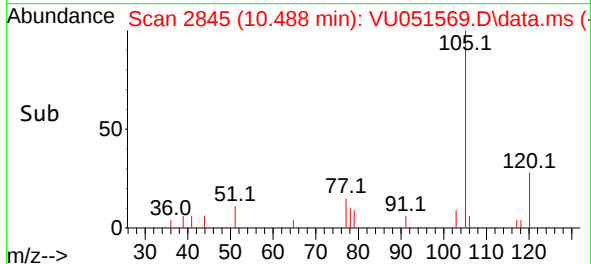
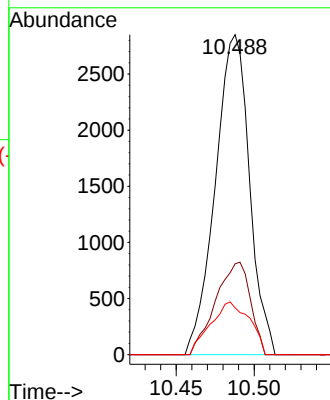
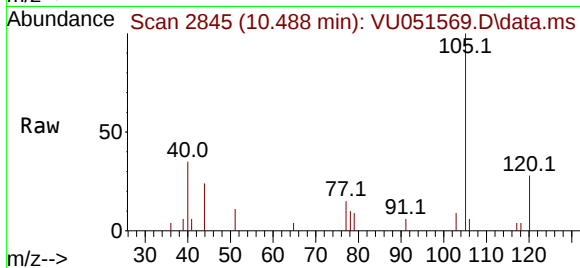




#60
Isopropylbenzene
Concen: 0.062 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.006 min
Lab File: VU051569.D
Acq: 28 Oct 2022 15:16

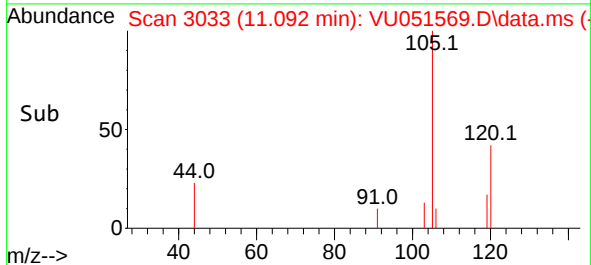
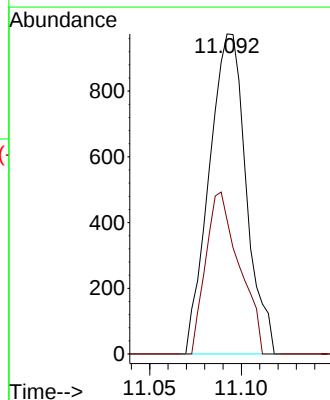
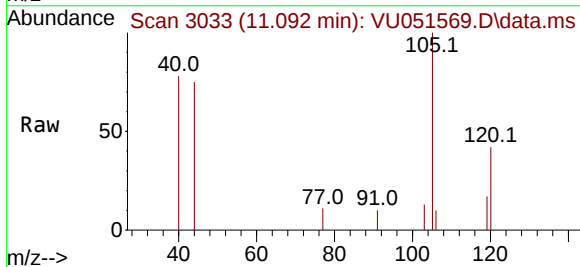
Instrument :
MSVOA_U
ClientSampleId :
VIBLK126

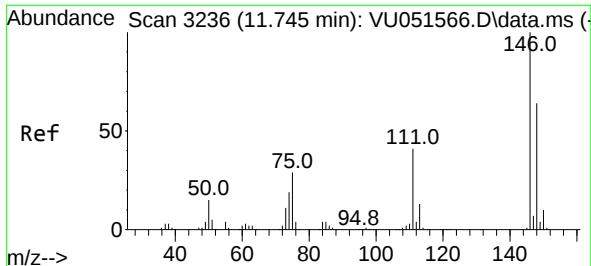
Tgt Ion:105 Resp: 4339
Ion Ratio Lower Upper
105 100
120 29.5 20.9 31.3
77 18.8 12.3 18.5#



#62
1,3,5-Trimethylbenzene
Concen: 0.073 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.006 min
Lab File: VU051569.D
Acq: 28 Oct 2022 15:16

Tgt Ion:105 Resp: 1368
Ion Ratio Lower Upper
105 100
120 46.0 38.6 57.8

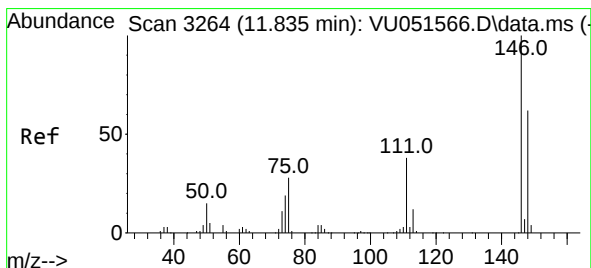
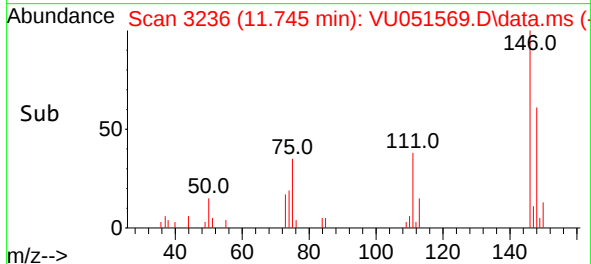
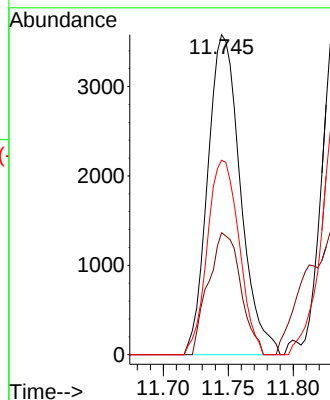
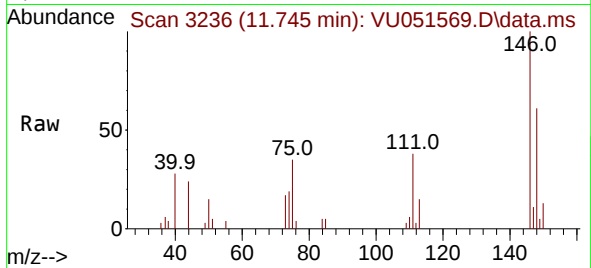




#64
1,3-Dichlorobenzene
Concen: 0.180 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU051569.D
Acq: 28 Oct 2022 15:16

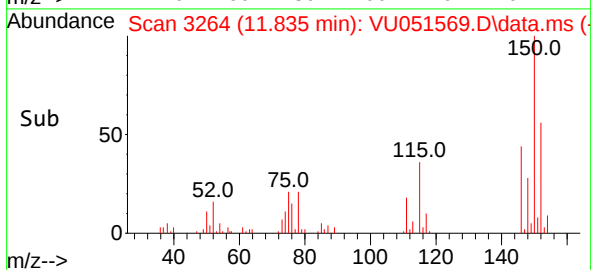
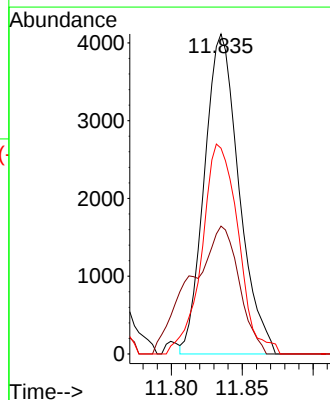
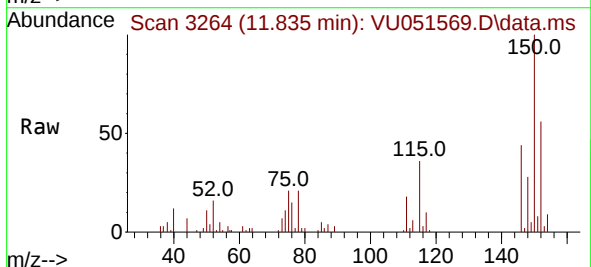
Instrument :
MSVOA_U
ClientSampleId :
VIBLK126

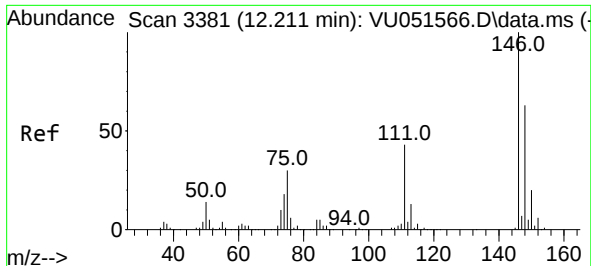
Tgt Ion:146 Resp: 6269
Ion Ratio Lower Upper
146 100
111 38.1 28.6 53.2
148 60.8 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 0.200 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051569.D
Acq: 28 Oct 2022 15:16

Tgt Ion:146 Resp: 6983
Ion Ratio Lower Upper
146 100
111 40.0 26.7 49.5
148 64.3 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 0.184 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051569.D

Acq: 28 Oct 2022 15:16

Instrument :

MSVOA_U

ClientSampleId :

VIBLK126

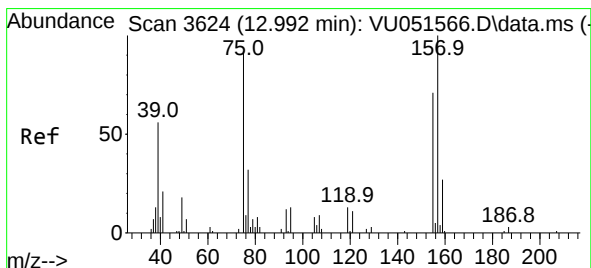
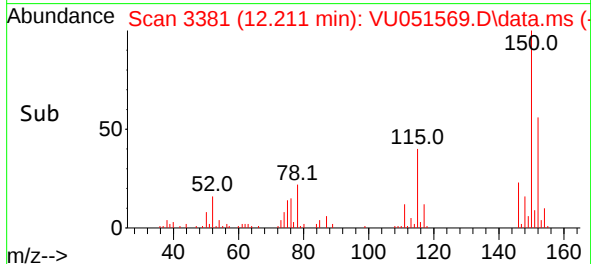
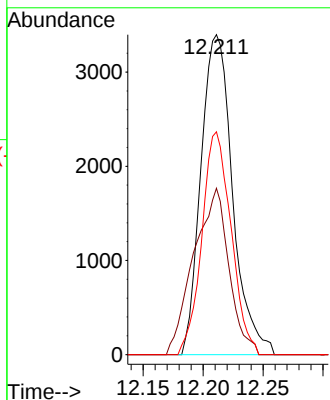
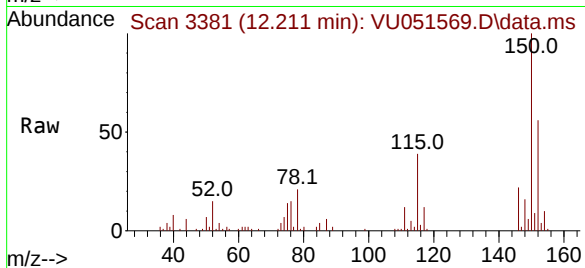
Tgt Ion:146 Resp: 6240

Ion Ratio Lower Upper

146 100

111 52.0 34.2 51.2#

148 69.6 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 0.232 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU051569.D

Acq: 28 Oct 2022 15:16

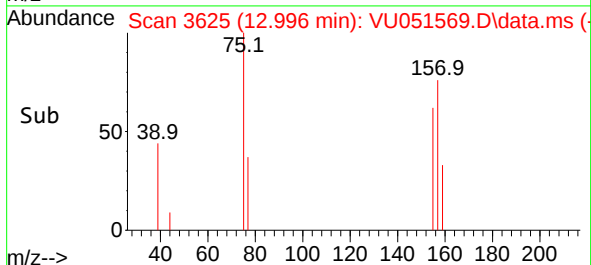
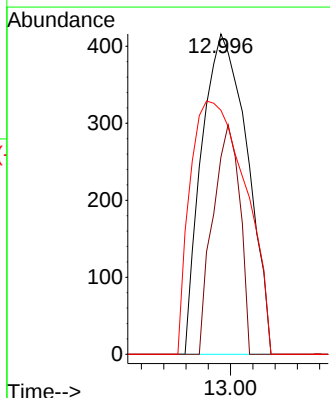
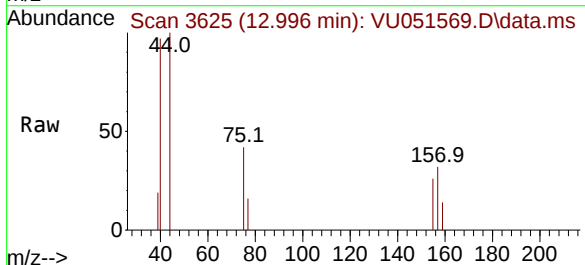
Tgt Ion: 75 Resp: 591

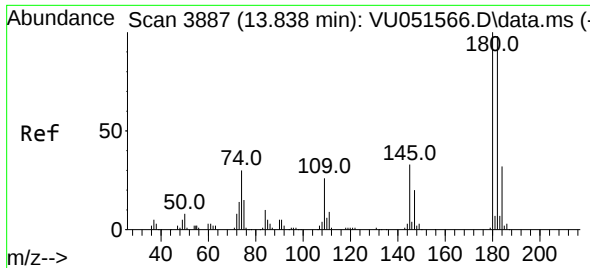
Ion Ratio Lower Upper

75 100

155 61.5 61.4 92.2

157 76.2 86.7 130.1#

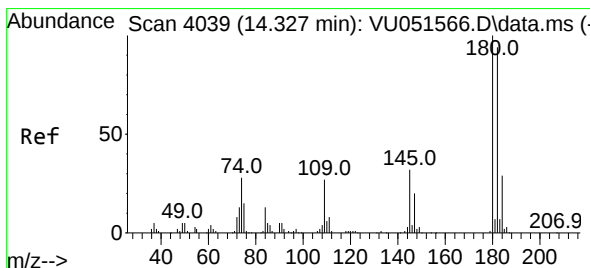
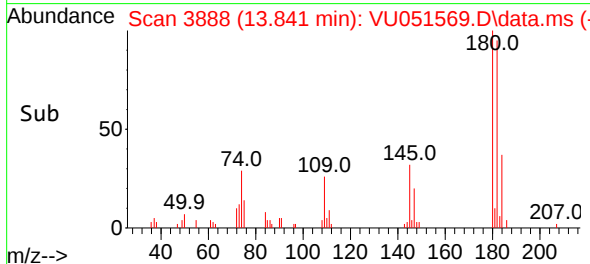
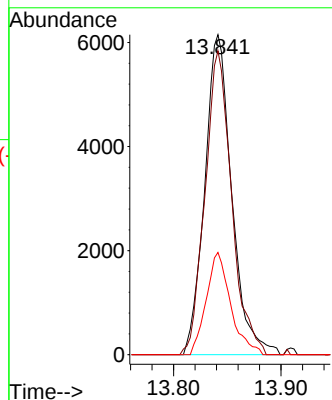
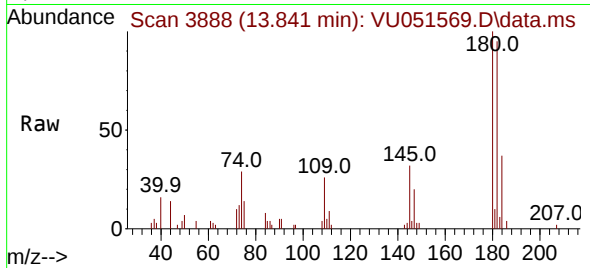




#70
1,2,4-trichlorobenzene
Concen: 0.564 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU051569.D
Acq: 28 Oct 2022 15:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK126

Tgt Ion:180 Resp: 10738
Ion Ratio Lower Upper
180 100
182 93.2 77.8 116.6
145 28.9 25.0 37.6



#72
1,2,3-Trichlorobenzene
Concen: 0.616 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051569.D
Acq: 28 Oct 2022 15:16

Tgt Ion:180 Resp: 11847
Ion Ratio Lower Upper
180 100
182 98.4 76.1 114.1
145 34.2 25.6 38.4

