

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051612.D
 Acq On : 31 Oct 2022 15:30
 Operator : JC/MD
 Sample : N5319-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA6

Quant Time: Nov 01 01:27:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 01:25:31 2022
 Response via : Initial Calibration

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

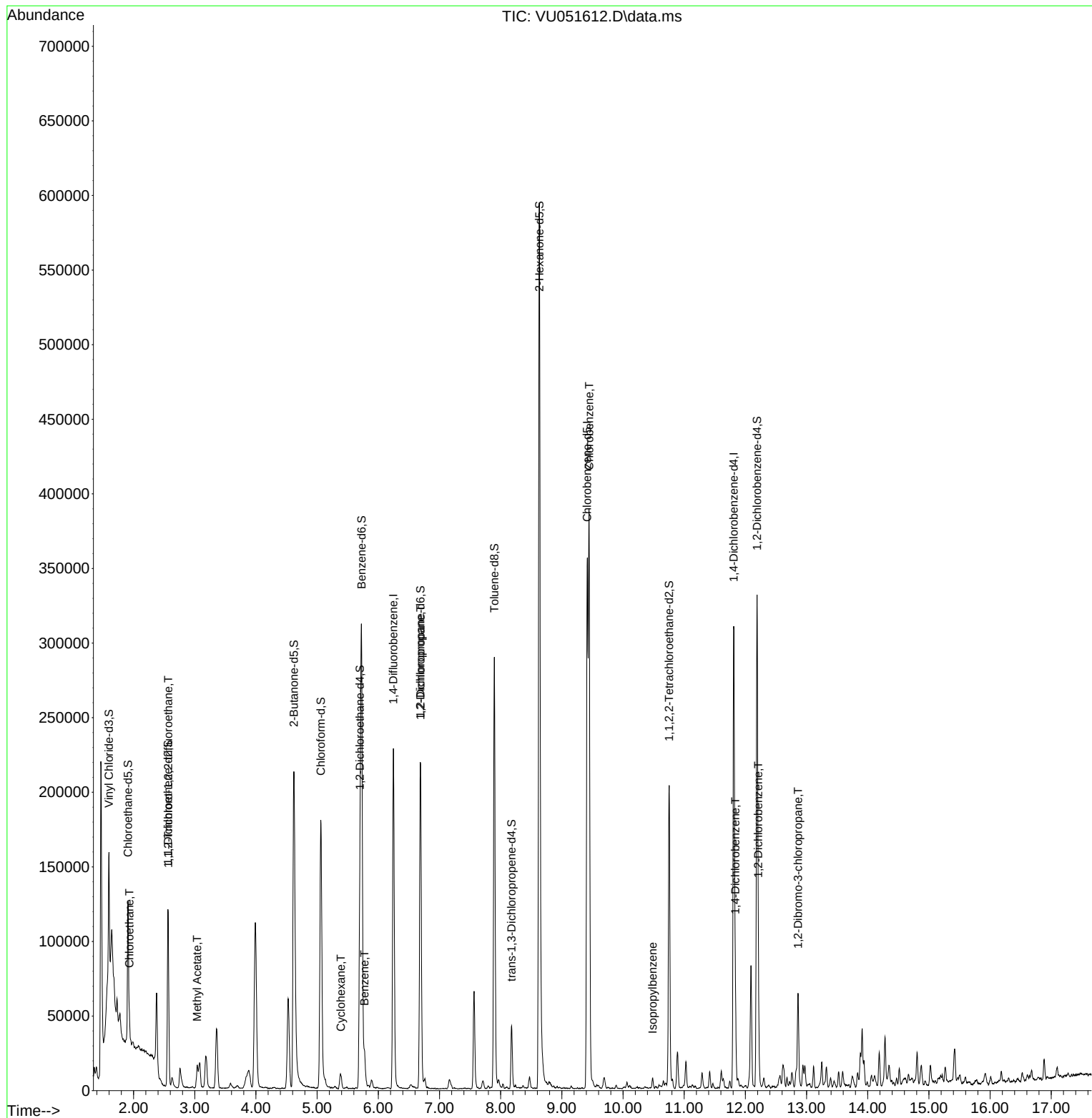
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	185485	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	198043	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	84170	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	63536	4.548	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.909	69	72400	4.969	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.562	65	22475	4.433	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.620	46	283885	56.112	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.220%
24) Chloroform-d	5.060	84	169548	5.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.700	65	93504	5.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.726	84	297418	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.687	67	112108	5.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.896	98	200635	4.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.179	79	23667	3.542	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.632	63	192156	47.771	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.540%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	105031	5.245	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	82902	5.366	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
8) Chloroethane	1.932	64	11959	0.804	ug/L #	65
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	847	0.054	ug/L #	25
15) Methyl Acetate	3.038	43	3276	0.487	ug/L #	50
30) Cyclohexane	5.388	56	4148	0.168	ug/L	97
33) Benzene	5.774	78	21720	0.278	ug/L	100
37) 1,2-Dichloropropane	6.690	63	11603	0.577	ug/L #	89
51) Chlorobenzene	9.446	112	209497	4.147	ug/L	99
60) Isopropylbenzene	10.484	105	4731	0.077	ug/L #	82
65) 1,4-Dichlorobenzene	11.835	146	25866	0.843	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	22347	0.750	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.861	75	328	0.146	ug/L #	3

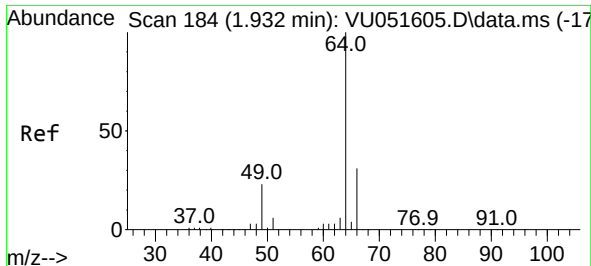
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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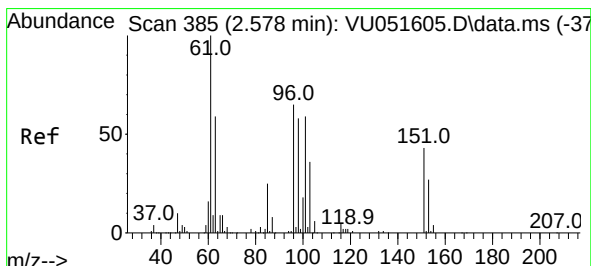
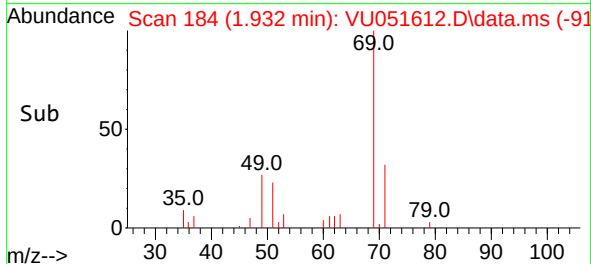
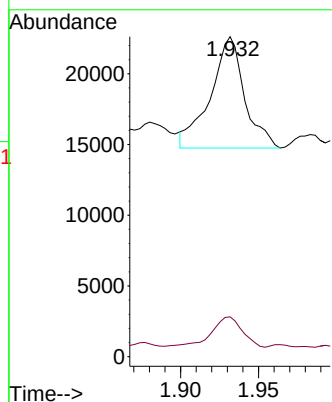
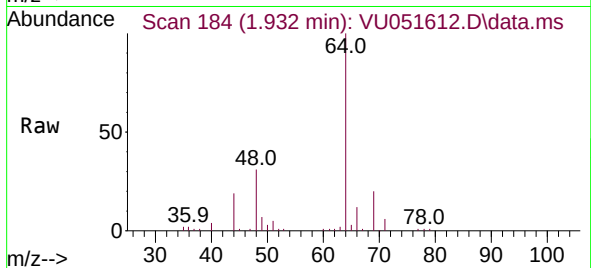




#8
Chloroethane
Concen: 0.804 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051612.D
Acq: 31 Oct 2022 15:30

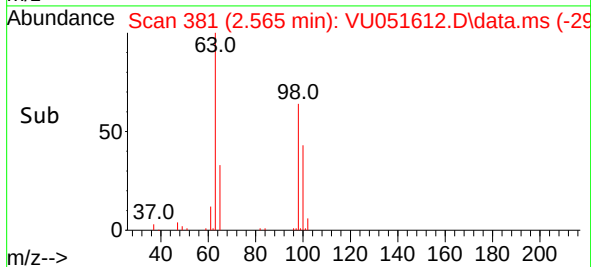
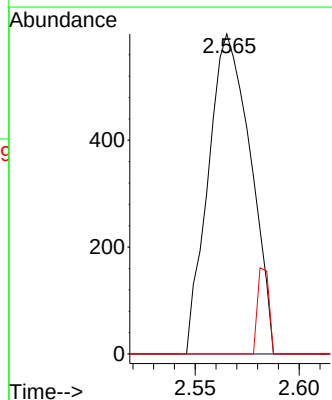
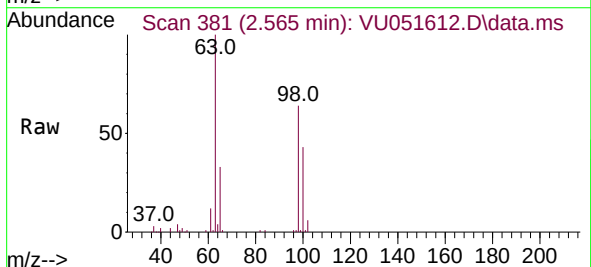
Instrument :
MSVOA_U
ClientSampleId :
BHAA6

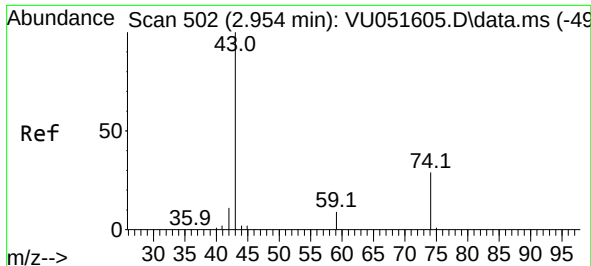
Tgt Ion: 64 Resp: 11959
Ion Ratio Lower Upper
64 100
66 12.5 22.3 41.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.054 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051612.D
Acq: 31 Oct 2022 15:30

Tgt Ion:101 Resp: 847
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 7.2 59.6 89.4#

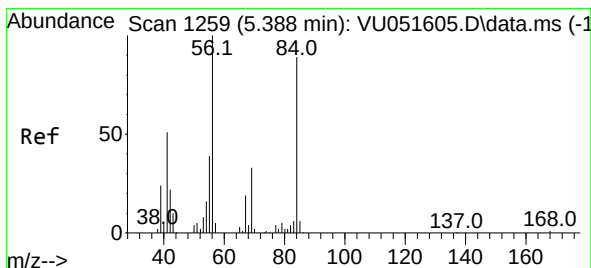
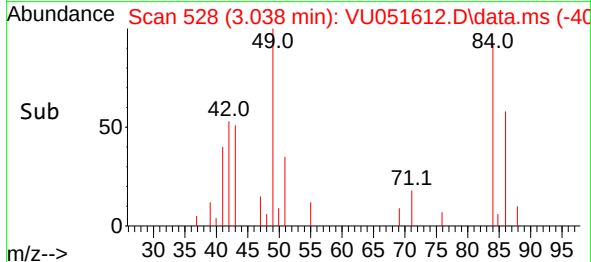
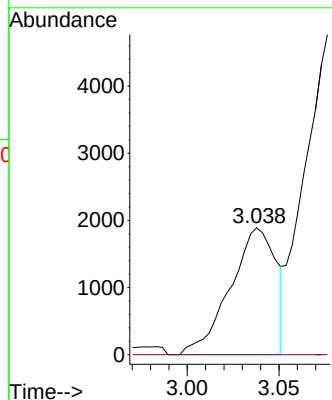
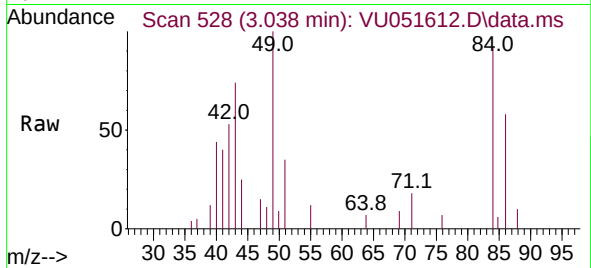




#15
Methyl Acetate
Concen: 0.487 ug/L
RT: 3.038 min Scan# 51
Delta R.T. 0.084 min
Lab File: VU051612.D
Acq: 31 Oct 2022 15:30

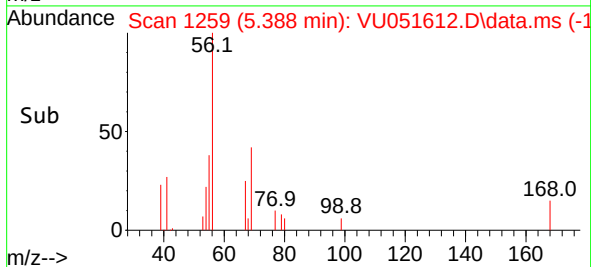
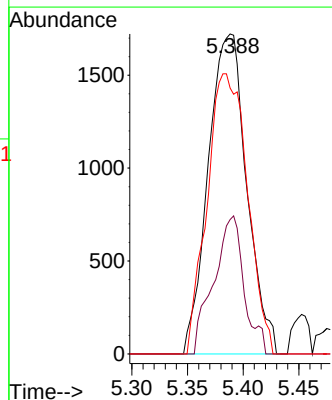
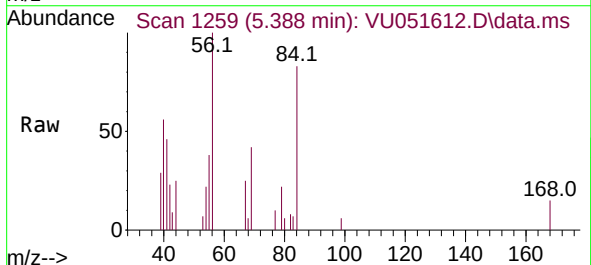
Instrument :
MSVOA_U
ClientSampleId :
BHAA6

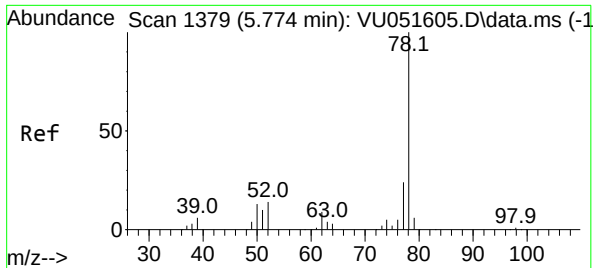
Tgt Ion: 43 Resp: 3276
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.4#



#30
Cyclohexane
Concen: 0.168 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VU051612.D
Acq: 31 Oct 2022 15:30

Tgt Ion: 56 Resp: 4148
Ion Ratio Lower Upper
56 100
69 33.9 25.4 38.0
84 91.5 71.4 107.0

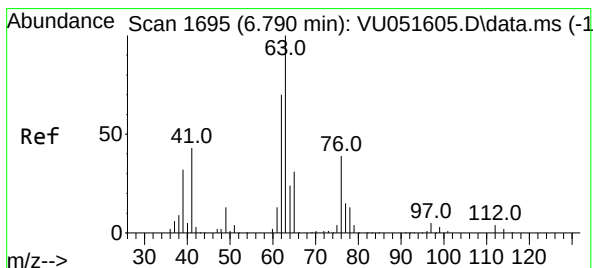
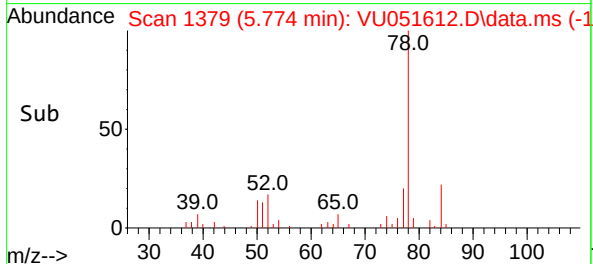
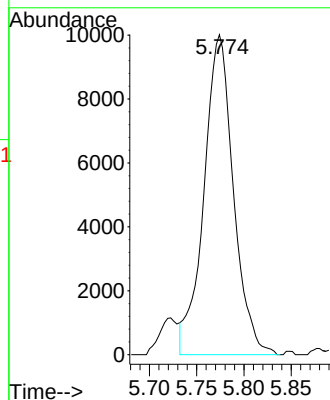
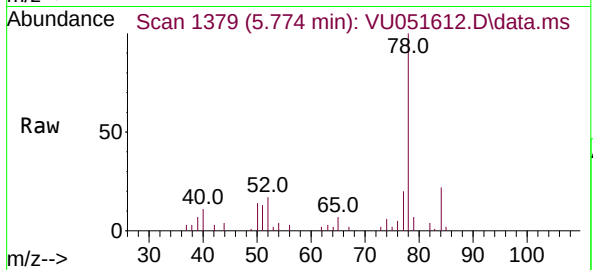




#33
Benzene
Concen: 0.278 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051612.D
Acq: 31 Oct 2022 15:30

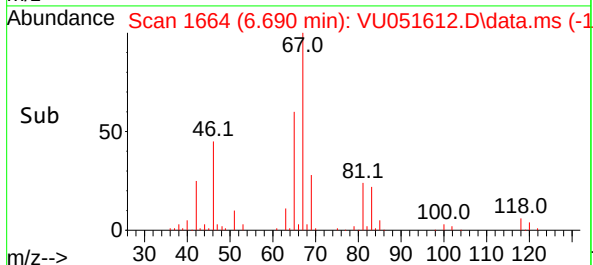
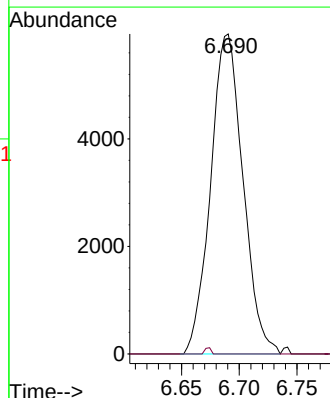
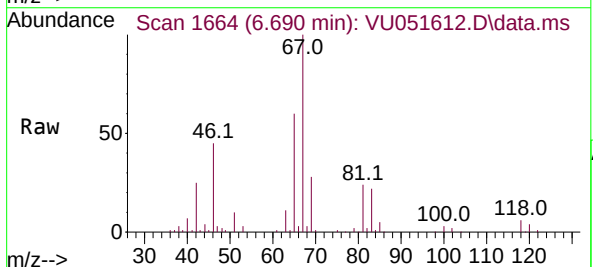
Instrument :
MSVOA_U
ClientSampleId :
BHAA6

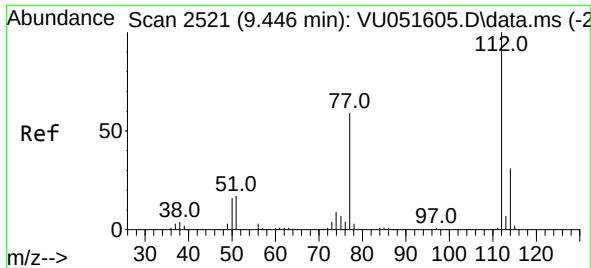
Tgt Ion: 78 Resp: 21720



#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.099 min
Lab File: VU051612.D
Acq: 31 Oct 2022 15:30

Tgt Ion: 63 Resp: 11603
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#

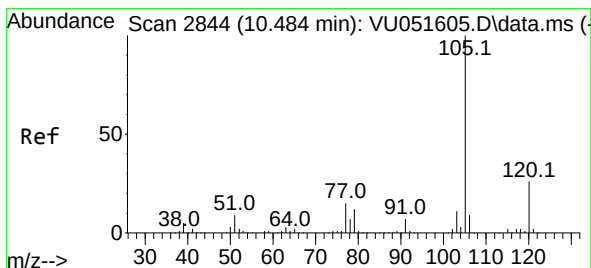
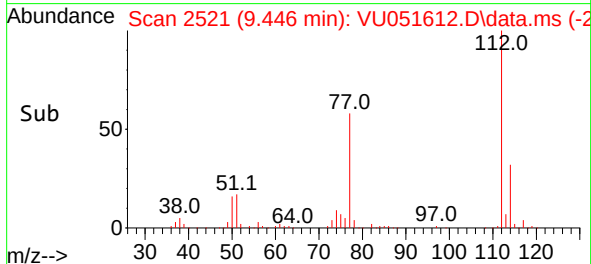
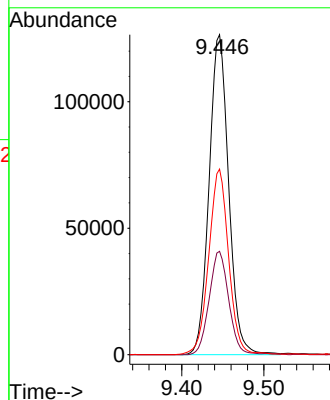
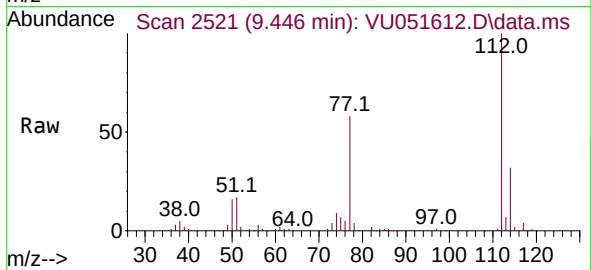




#51
Chlorobenzene
Concen: 4.147 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051612.D
Acq: 31 Oct 2022 15:30

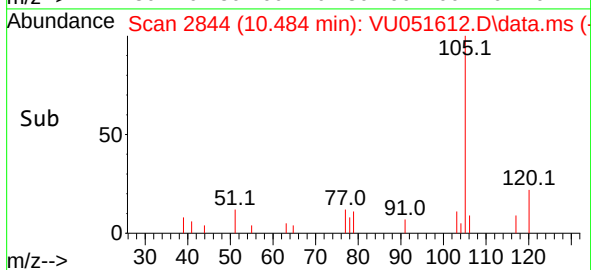
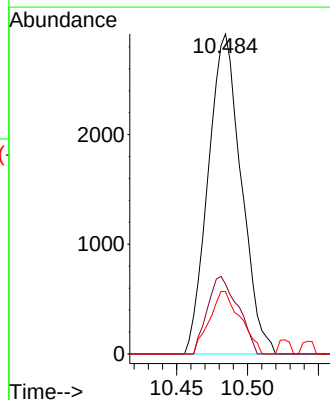
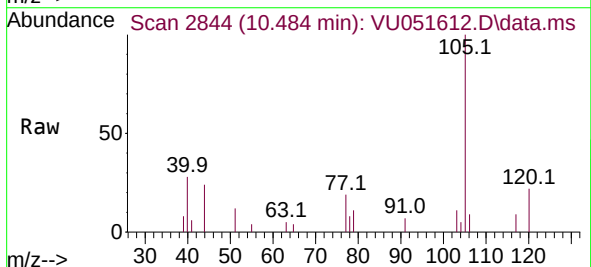
Instrument :
MSVOA_U
ClientSampleId :
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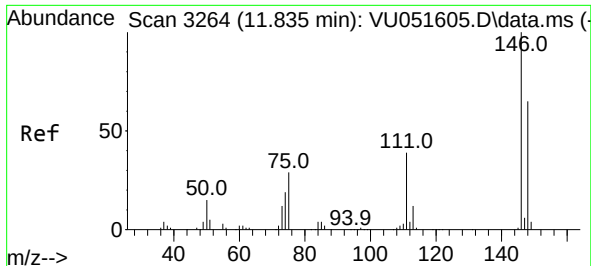
Tgt Ion:112 Resp: 209497
Ion Ratio Lower Upper
112 100
114 32.3 22.0 40.8
77 58.0 46.7 70.1



#60
Isopropylbenzene
Concen: 0.077 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051612.D
Acq: 31 Oct 2022 15:30

Tgt Ion:105 Resp: 4731
Ion Ratio Lower Upper
105 100
120 22.4 20.9 31.3
77 0.0 12.3 18.5#

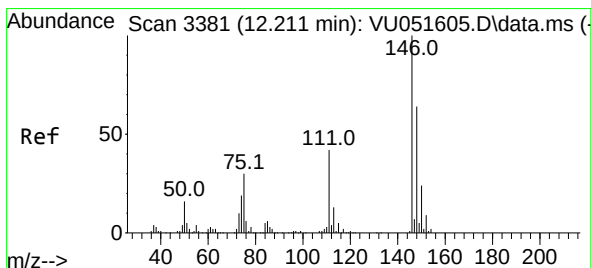
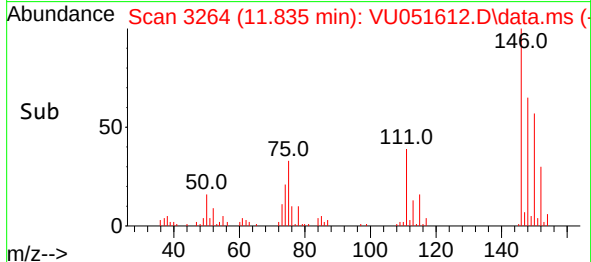
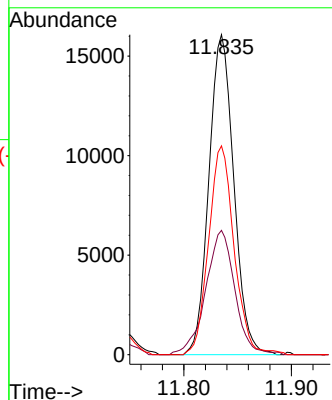
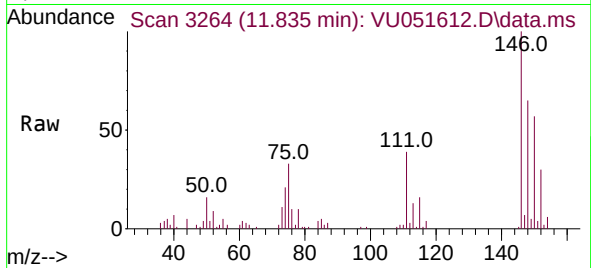




#65
1,4-Dichlorobenzene
Concen: 0.843 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051612.D
Acq: 31 Oct 2022 15:30

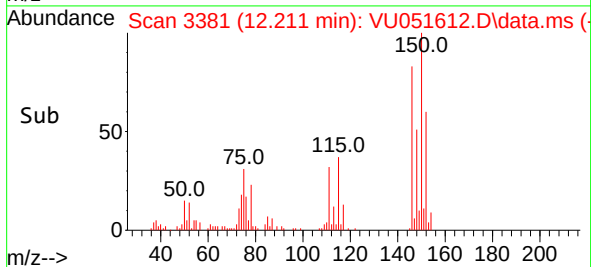
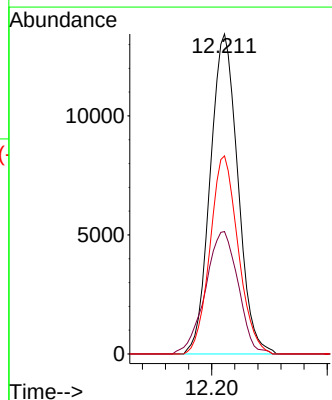
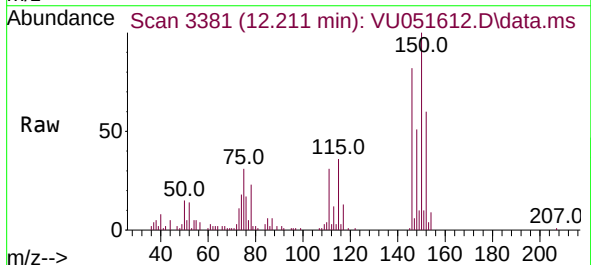
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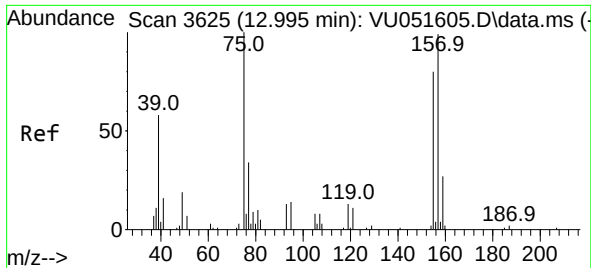
Tgt Ion:146 Resp: 25866
Ion Ratio Lower Upper
146 100
111 38.9 26.7 49.5
148 65.3 43.5 80.9



#67
1,2-Dichlorobenzene
Concen: 0.750 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051612.D
Acq: 31 Oct 2022 15:30

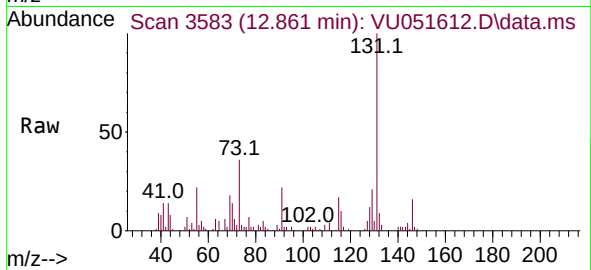
Tgt Ion:146 Resp: 22347
Ion Ratio Lower Upper
146 100
111 38.2 34.2 51.2
148 61.9 50.1 75.1





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.146 ug/L
 RT: 12.861 min Scan# 31
 Delta R.T. -0.135 min
 Lab File: VU051612.D
 Acq: 31 Oct 2022 15:30

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA6



Tgt Ion: 75 Resp: 328
 Ion Ratio Lower Upper
 75 100
 155 0.0 61.4 92.2#
 157 0.0 86.7 130.1#

