

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051278.D
 Acq On : 08 Oct 2022 17:44
 Operator : JC/MD
 Sample : N4922-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CB8T4

Quant Time: Oct 08 23:51:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 05:40:36 2022
 Response via : Initial Calibration

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

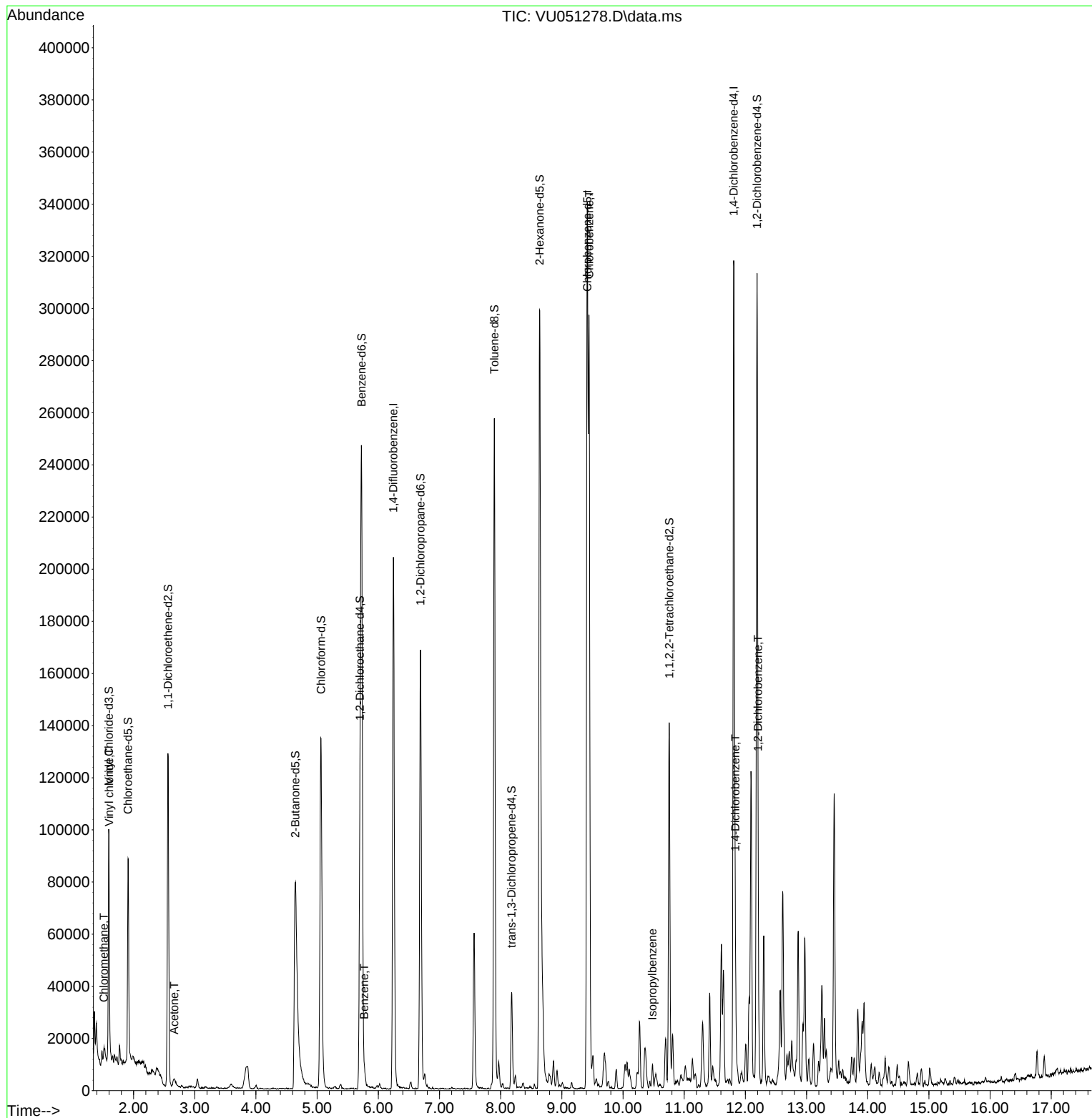
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	160156	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	183811	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	82871	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	60749	4.702	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.909	69	55429	4.994	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.562	65	24857	4.867	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	4.646	46	161667	56.839	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.680%
24) Chloroform-d	5.064	84	126798	5.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.700	65	68934	5.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.000%
32) Benzene-d6	5.726	84	225796	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.690	67	83535	4.864	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.896	98	172324	3.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	8.179	79	21552	3.820	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.636	63	84267	44.315	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.640%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	71706	5.227	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	76462	5.308	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	4816	0.263	ug/L	85
5) Vinyl chloride	1.601	62	2332	0.130	ug/L #	57
13) Acetone	2.665	43	6253	2.931	ug/L	71
33) Benzene	5.771	78	4554	0.074	ug/L	100
51) Chlorobenzene	9.446	112	148697	3.821	ug/L	99
60) Isopropylbenzene	10.481	105	5445	0.104	ug/L #	80
65) 1,4-Dichlorobenzene	11.835	146	17782	0.695	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	5470	0.217	ug/L	93

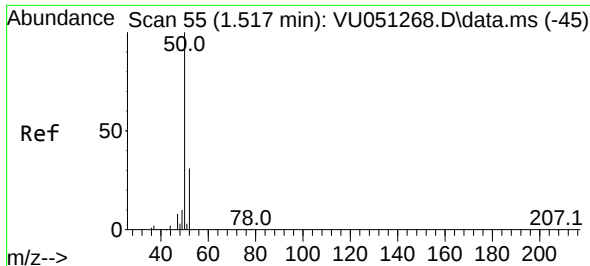
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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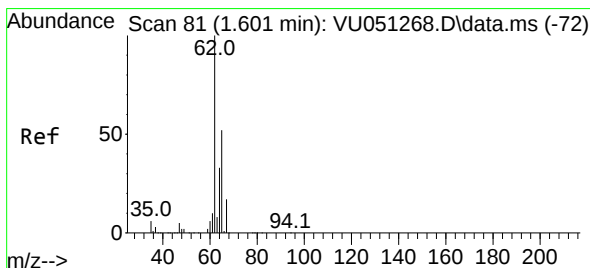
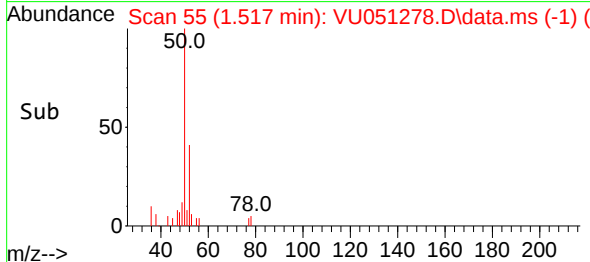
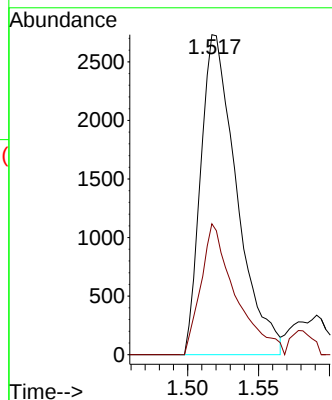
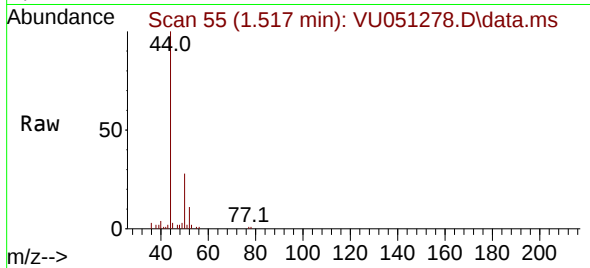




#3
Chloromethane
Concen: 0.263 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU051278.D
Acq: 08 Oct 2022 17:44

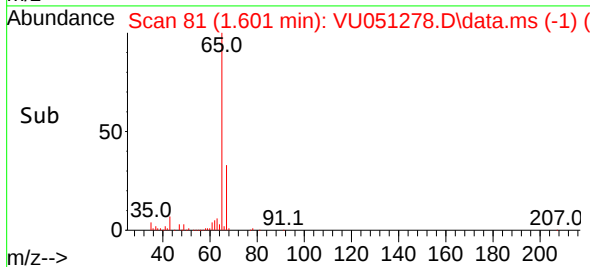
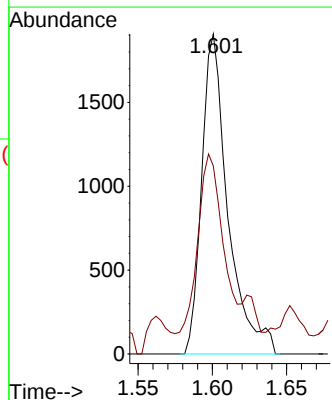
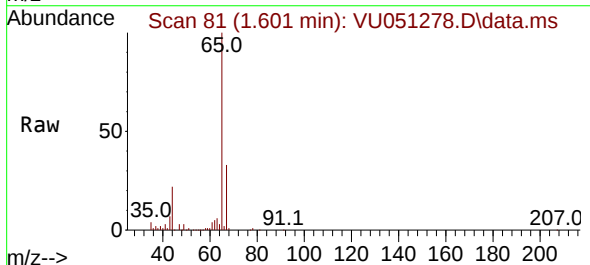
Instrument :
MSVOA_U
ClientSampleId :
CB8T4

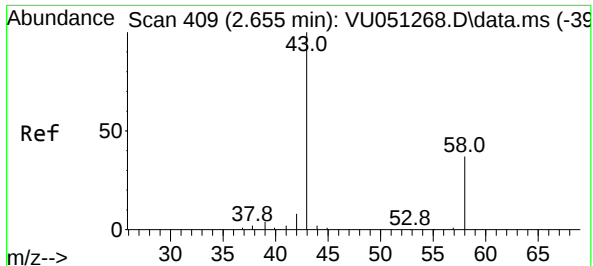
Tgt Ion: 50 Resp: 4816
Ion Ratio Lower Upper
50 100
52 40.9 22.9 42.5



#5
Vinyl chloride
Concen: 0.130 ug/L
RT: 1.601 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU051278.D
Acq: 08 Oct 2022 17:44

Tgt Ion: 62 Resp: 2332
Ion Ratio Lower Upper
62 100
64 58.8 24.0 44.6#

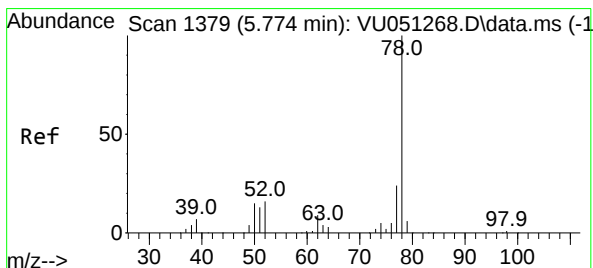
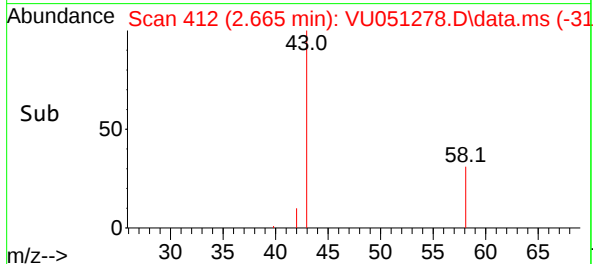
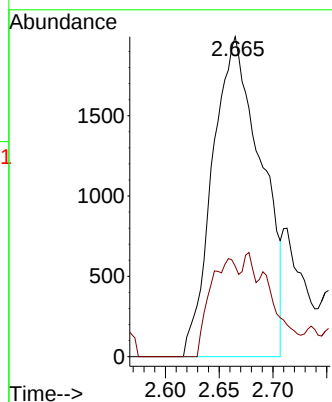
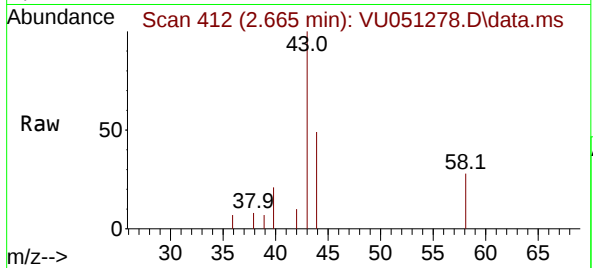




#13
Acetone
Concen: 2.931 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.019 min
Lab File: VU051278.D
Acq: 08 Oct 2022 17:44

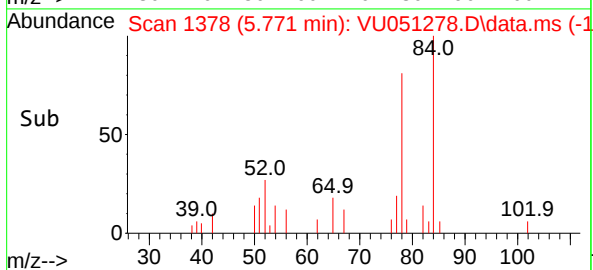
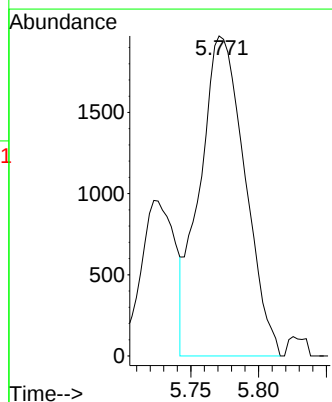
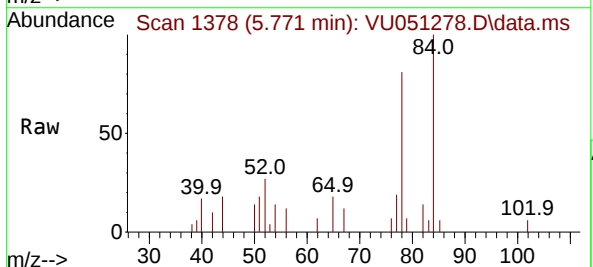
Instrument :
MSVOA_U
ClientSampleId :
CB8T4

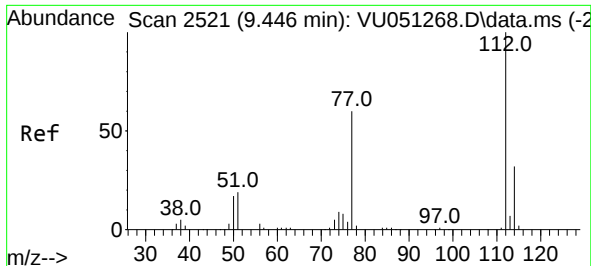
Tgt Ion: 43 Resp: 6253
Ion Ratio Lower Upper
43 100
58 17.6 0.0 68.8



#33
Benzene
Concen: 0.074 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051278.D
Acq: 08 Oct 2022 17:44

Tgt Ion: 78 Resp: 4554

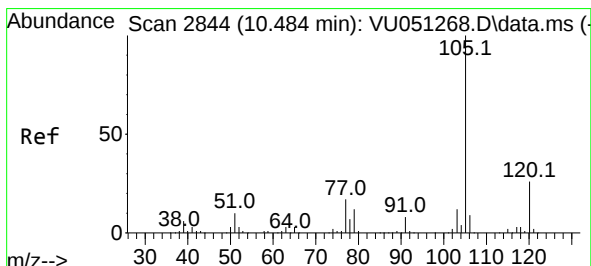
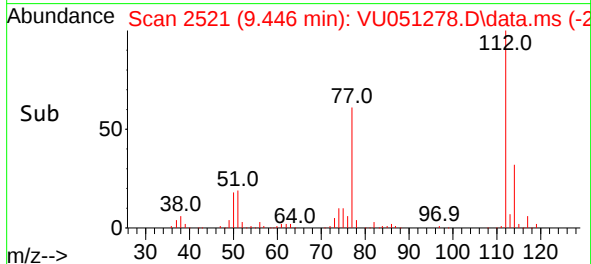
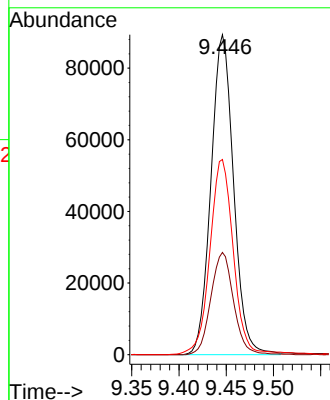
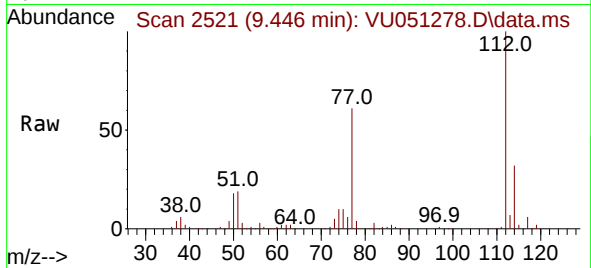




#51
Chlorobenzene
Concen: 3.821 ug/L
RT: 9.446 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051278.D
Acq: 08 Oct 2022 17:44

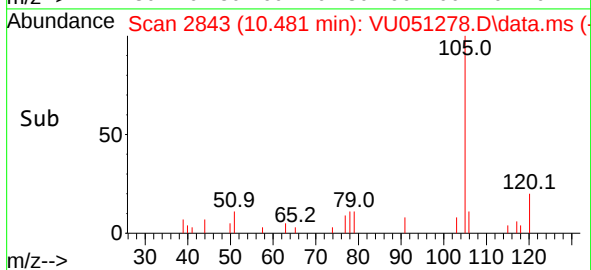
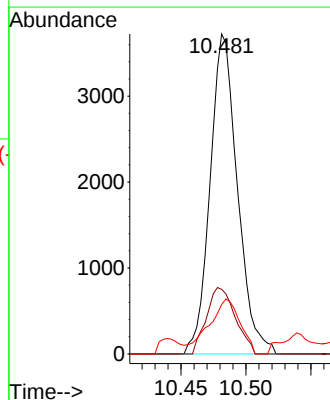
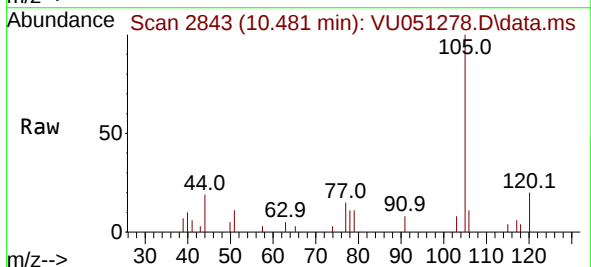
Instrument :
MSVOA_U
ClientSampleId :
CB8T4

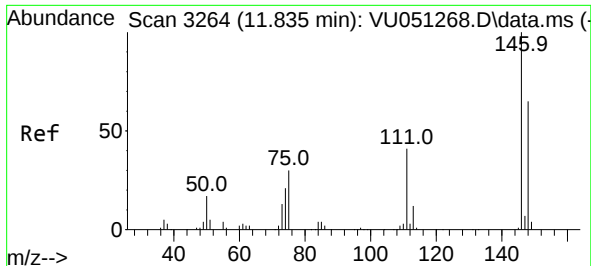
Tgt Ion:112 Resp: 148697
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.5
77 61.0 48.1 72.1



#60
Isopropylbenzene
Concen: 0.104 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051278.D
Acq: 08 Oct 2022 17:44

Tgt Ion:105 Resp: 5445
Ion Ratio Lower Upper
105 100
120 21.8 20.6 30.8
77 0.0 13.5 20.3#

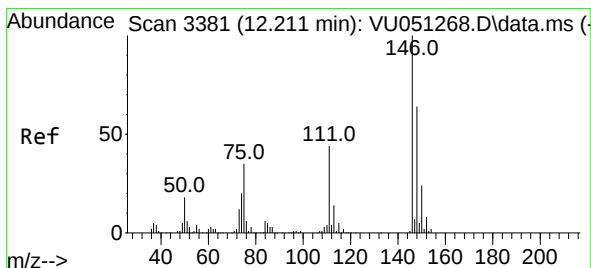
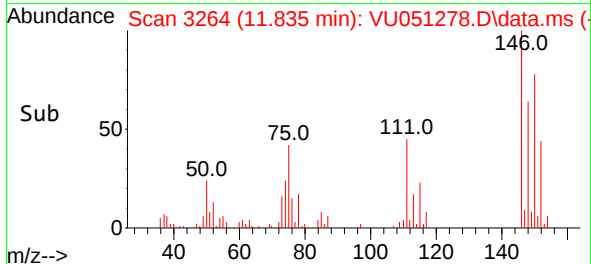
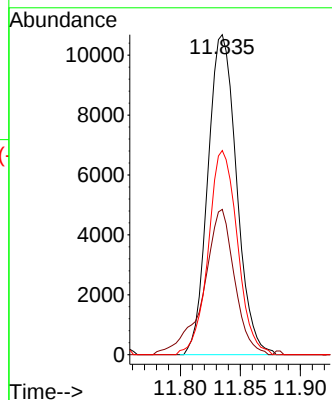
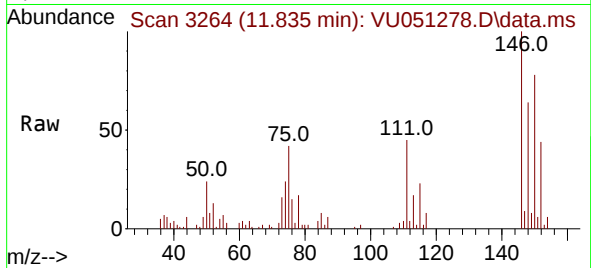




#65
1,4-Dichlorobenzene
Concen: 0.695 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051278.D
Acq: 08 Oct 2022 17:44

Instrument :
MSVOA_U
ClientSampleId :
CB8T4

Tgt Ion:146 Resp: 17782
Ion Ratio Lower Upper
146 100
111 45.4 29.1 54.1
148 63.8 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 0.217 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU051278.D
Acq: 08 Oct 2022 17:44

Tgt Ion:146 Resp: 5470
Ion Ratio Lower Upper
146 100
111 49.1 35.5 53.3
148 69.0 50.9 76.3

