

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
 Data File : VU053450.D
 Acq On : 28 Mar 2023 22:09
 Operator : JC/MD
 Sample : 02085-01DL 4X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMB0DL

Quant Time: Mar 29 04:17:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 29 02:16:14 2023
 Response via : Initial Calibration

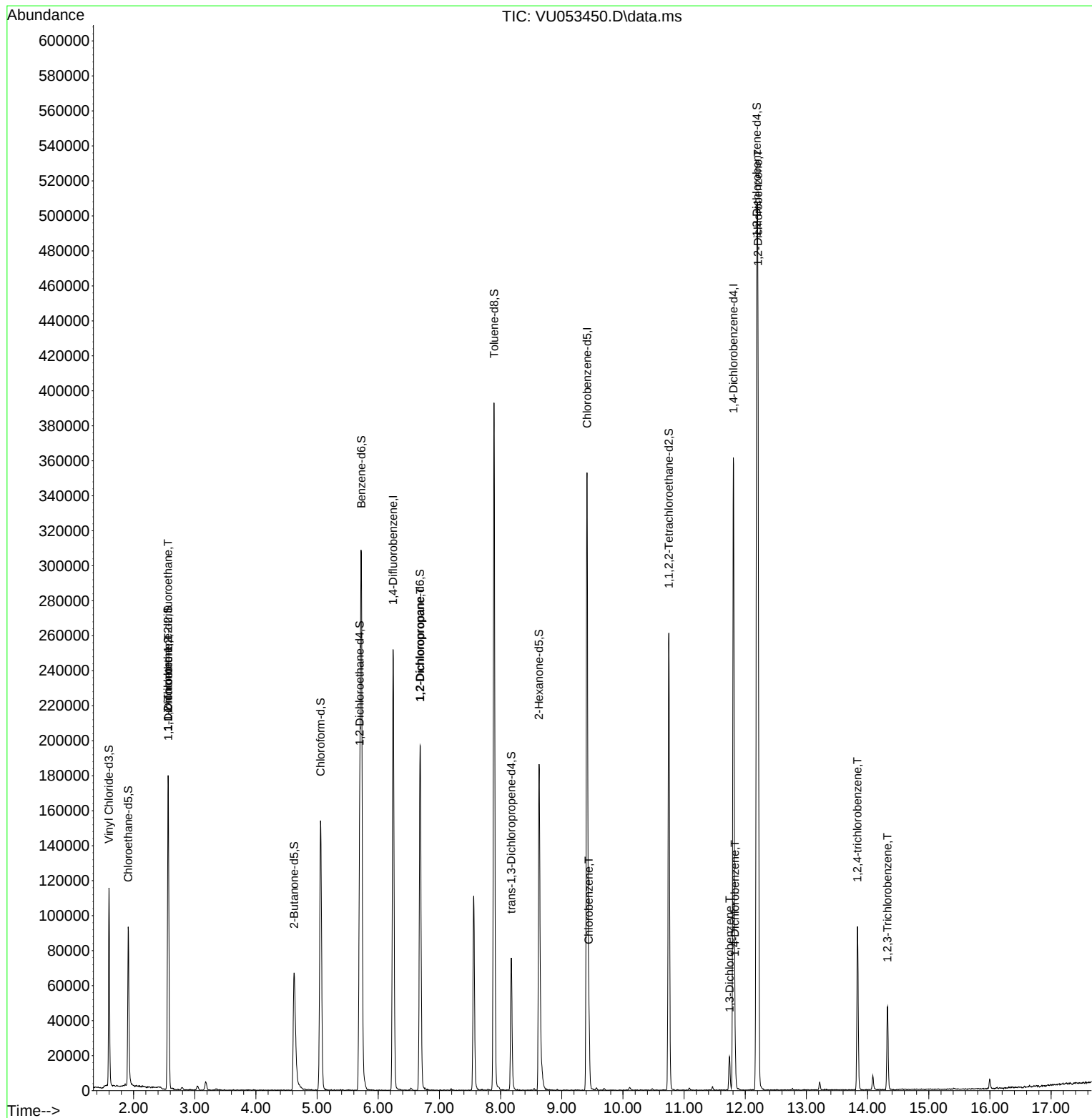
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	202933	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	193252	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	94397	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	82633	44.138	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.280%
7) Chloroethane-d5	1.912	69	66900	44.177	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.360%
11) 1,1-Dichloroethene-d2	2.565	63	105072	32.398	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.800%
21) 2-Butanone-d5	4.623	46	108613	125.084	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.080%
24) Chloroform-d	5.057	84	136052	44.121	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.240%
26) 1,2-Dichloroethane-d4	5.697	65	93184	48.659	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.320%
32) Benzene-d6	5.723	84	279522	44.594	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.180%
36) 1,2-Dichloropropane-d6	6.684	67	95876	47.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.780%
41) Toluene-d8	7.893	98	255817	43.835	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.680%
43) trans-1,3-Dichloroprop...	8.176	79	42756	42.836	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.680%
47) 2-Hexanone-d5	8.629	63	63529	100.445	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.450%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	128017	48.849	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.700%
66) 1,2-Dichlorobenzene-d4	12.188	152	95739	52.380	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.760%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1058	0.657	ug/L #	25
12) 1,1-Dichloroethene	2.568	96	945	0.634	ug/L #	1
37) 1,2-Dichloropropane	6.687	63	10037	5.370	ug/L #	90
51) Chlorobenzene	9.443	112	23484	5.231	ug/L	96
64) 1,3-Dichlorobenzene	11.745	146	7961	2.545	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	8341	2.656	ug/L	88
67) 1,2-Dichlorobenzene	12.208	146	152160	48.669	ug/L	97
70) 1,2,4-trichlorobenzene	13.835	180	28560	16.028	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	14579	8.627	ug/L	98

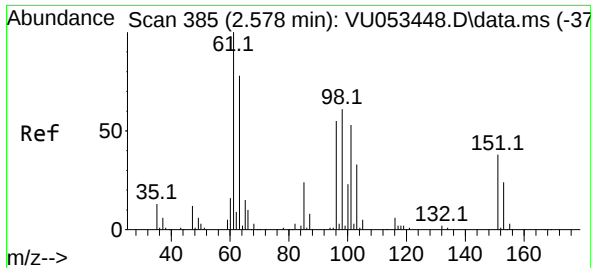
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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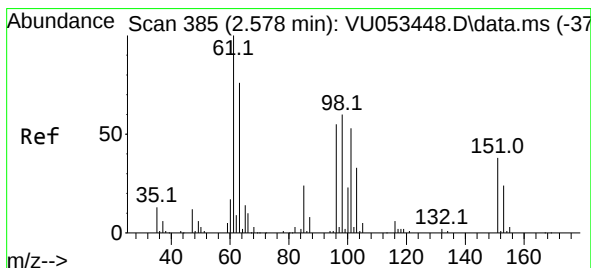
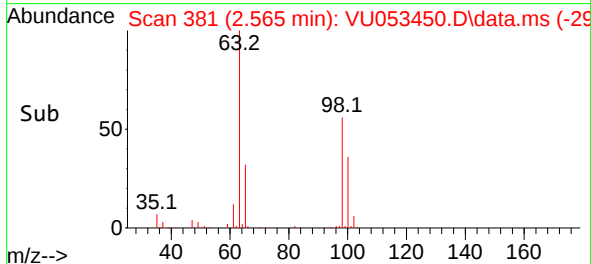
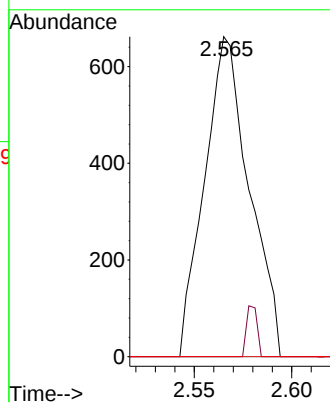
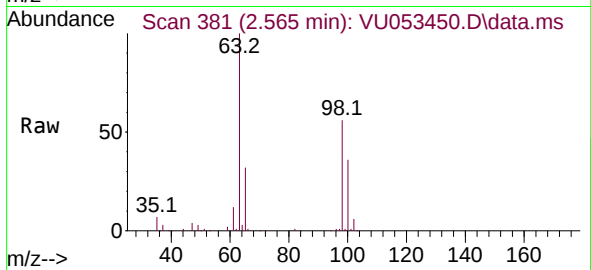




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.657 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU053450.D
 Acq: 28 Mar 2023 22:09

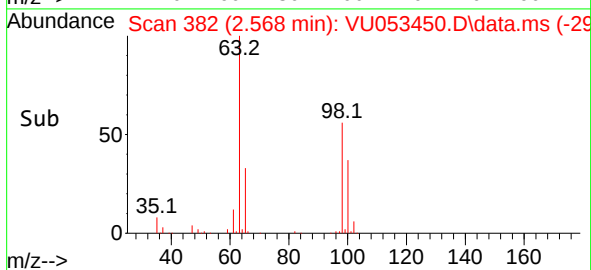
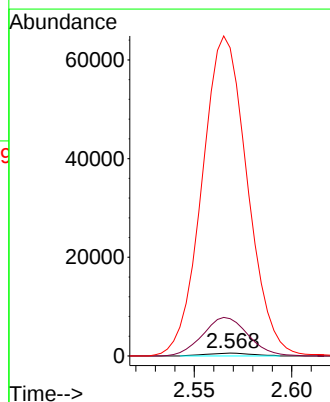
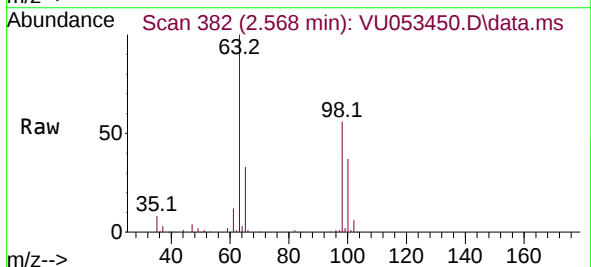
Instrument :
 MSVOA_U
 ClientSampleId :
 COMB0DL

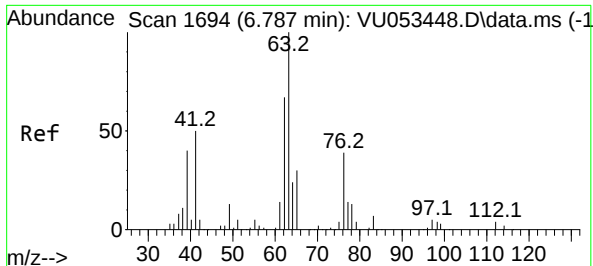
Tgt Ion:101 Resp: 1058
 Ion Ratio Lower Upper
 101 100
 85 3.8 37.0 55.6#
 151 0.0 52.9 79.3#



#12
 1,1-Dichloroethene
 Concen: 0.634 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU053450.D
 Acq: 28 Mar 2023 22:09

Tgt Ion: 96 Resp: 945
 Ion Ratio Lower Upper
 96 100
 61 1299.7 122.2 226.9#
 63 10749.7 89.9 166.9#

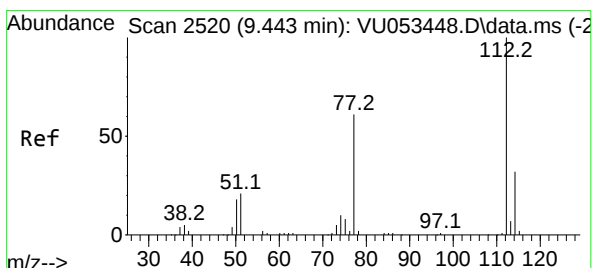
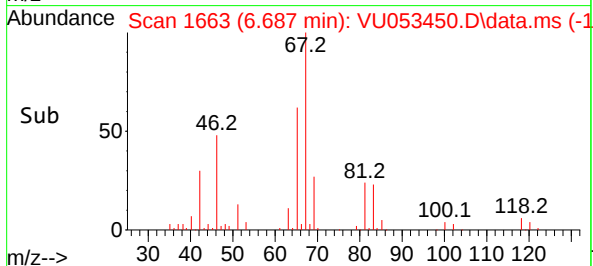
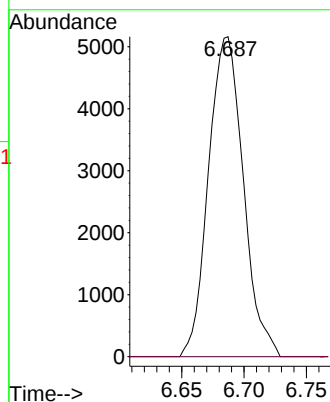
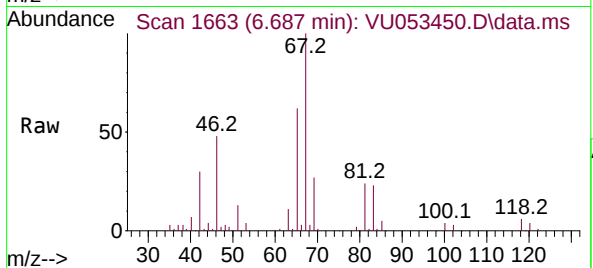




#37
1,2-Dichloropropane
Concen: 5.370 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU053450.D
Acq: 28 Mar 2023 22:09

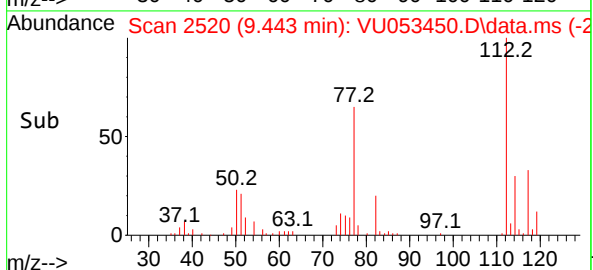
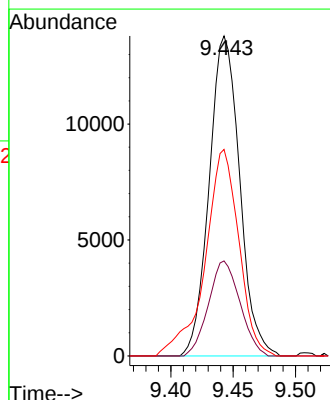
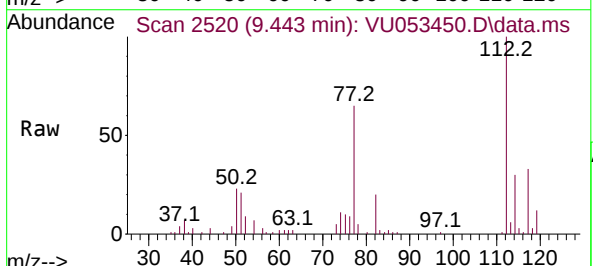
Instrument :
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ClientSampleId :
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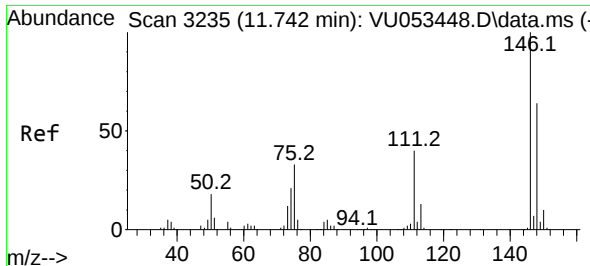
Tgt Ion: 63 Resp: 10037
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#51
Chlorobenzene
Concen: 5.231 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU053450.D
Acq: 28 Mar 2023 22:09

Tgt Ion: 112 Resp: 23484
Ion Ratio Lower Upper
112 100
114 29.7 21.8 40.6
77 64.6 48.8 73.2

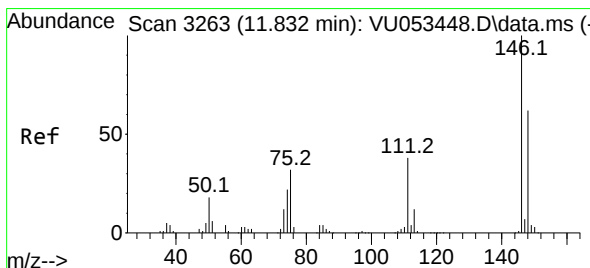
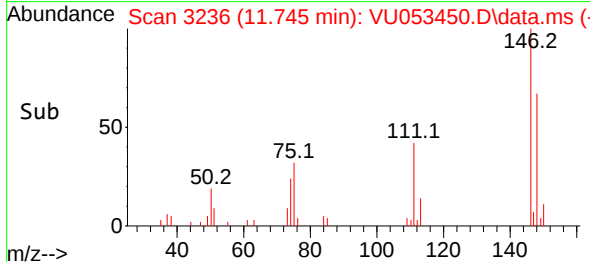
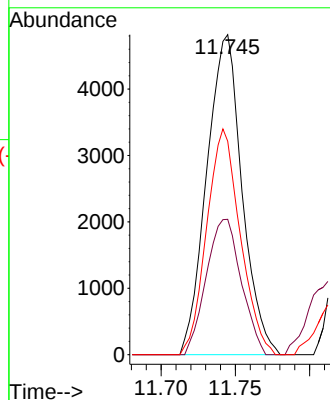
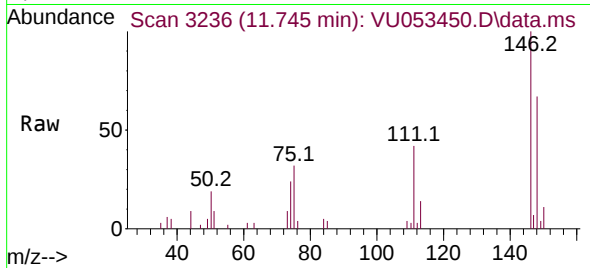




#64
1,3-Dichlorobenzene
Concen: 2.545 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053450.D
Acq: 28 Mar 2023 22:09

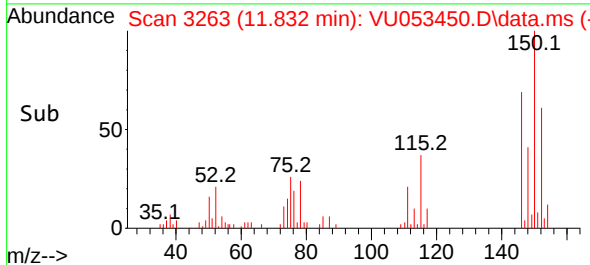
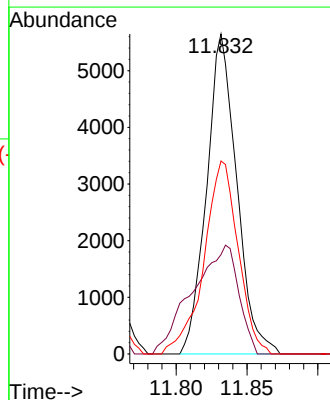
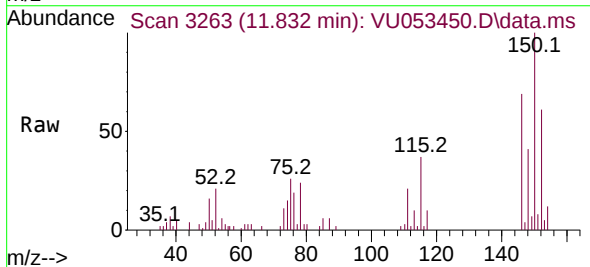
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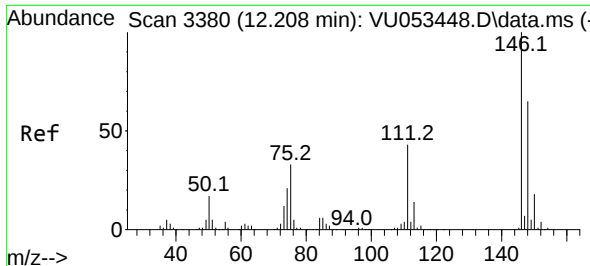
Tgt Ion:146 Resp: 7961
Ion Ratio Lower Upper
146 100
111 42.3 30.2 56.0
148 66.7 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 2.656 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU053450.D
Acq: 28 Mar 2023 22:09

Tgt Ion:146 Resp: 8341
Ion Ratio Lower Upper
146 100
111 31.1 30.7 57.1
148 60.3 45.6 84.8

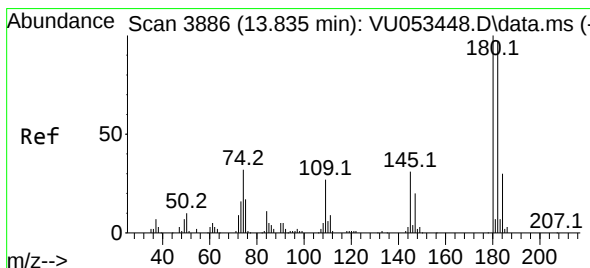
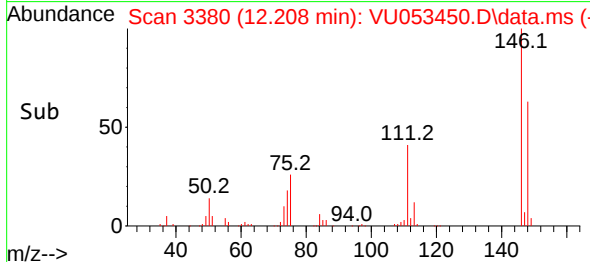
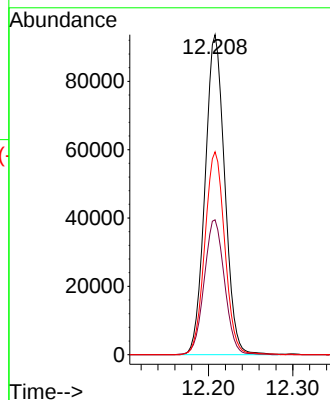
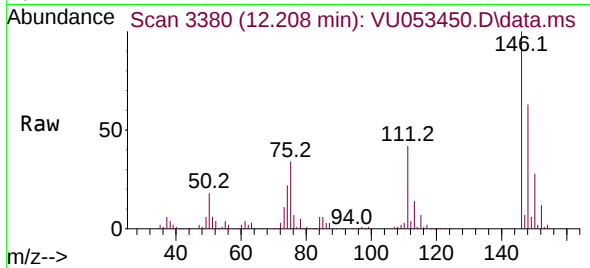




#67
1,2-Dichlorobenzene
Concen: 48.669 ug/L
RT: 12.208 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU053450.D
Acq: 28 Mar 2023 22:09

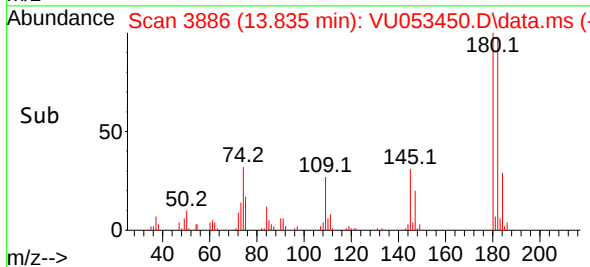
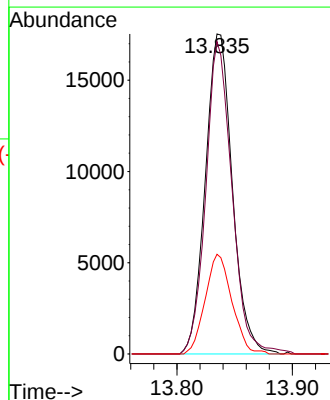
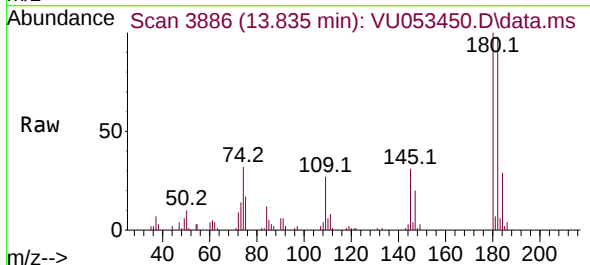
Instrument :
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COMB0DL

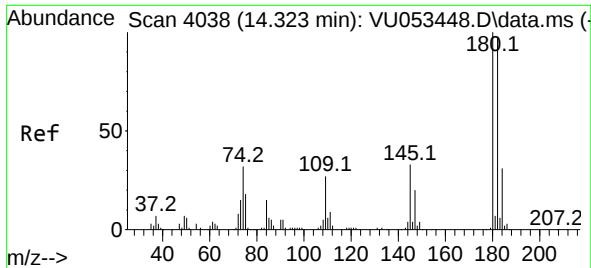
Tgt Ion:146 Resp: 152160
Ion Ratio Lower Upper
146 100
111 42.1 37.0 55.4
148 63.4 51.4 77.2



#70
1,2,4-trichlorobenzene
Concen: 16.028 ug/L
RT: 13.835 min Scan# 3886
Delta R.T. 0.000 min
Lab File: VU053450.D
Acq: 28 Mar 2023 22:09

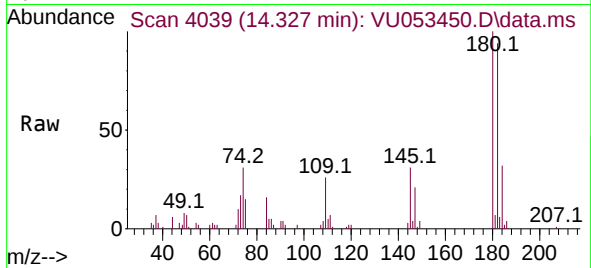
Tgt Ion:180 Resp: 28560
Ion Ratio Lower Upper
180 100
182 94.3 75.8 113.8
145 30.5 27.2 40.8





#72
 1,2,3-Trichlorobenzene
 Concen: 8.627 ug/L
 RT: 14.327 min Scan# 4039
 Delta R.T. 0.003 min
 Lab File: VU053450.D
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Tgt Ion:	180	Resp:	14579
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.7	115.1
145	32.6	28.6	42.8

