

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055170.D
 Acq On : 07 Sep 2023 03:47
 Operator : MD/SY
 Sample : 04307-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4G8

Quant Time: Sep 07 04:50:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

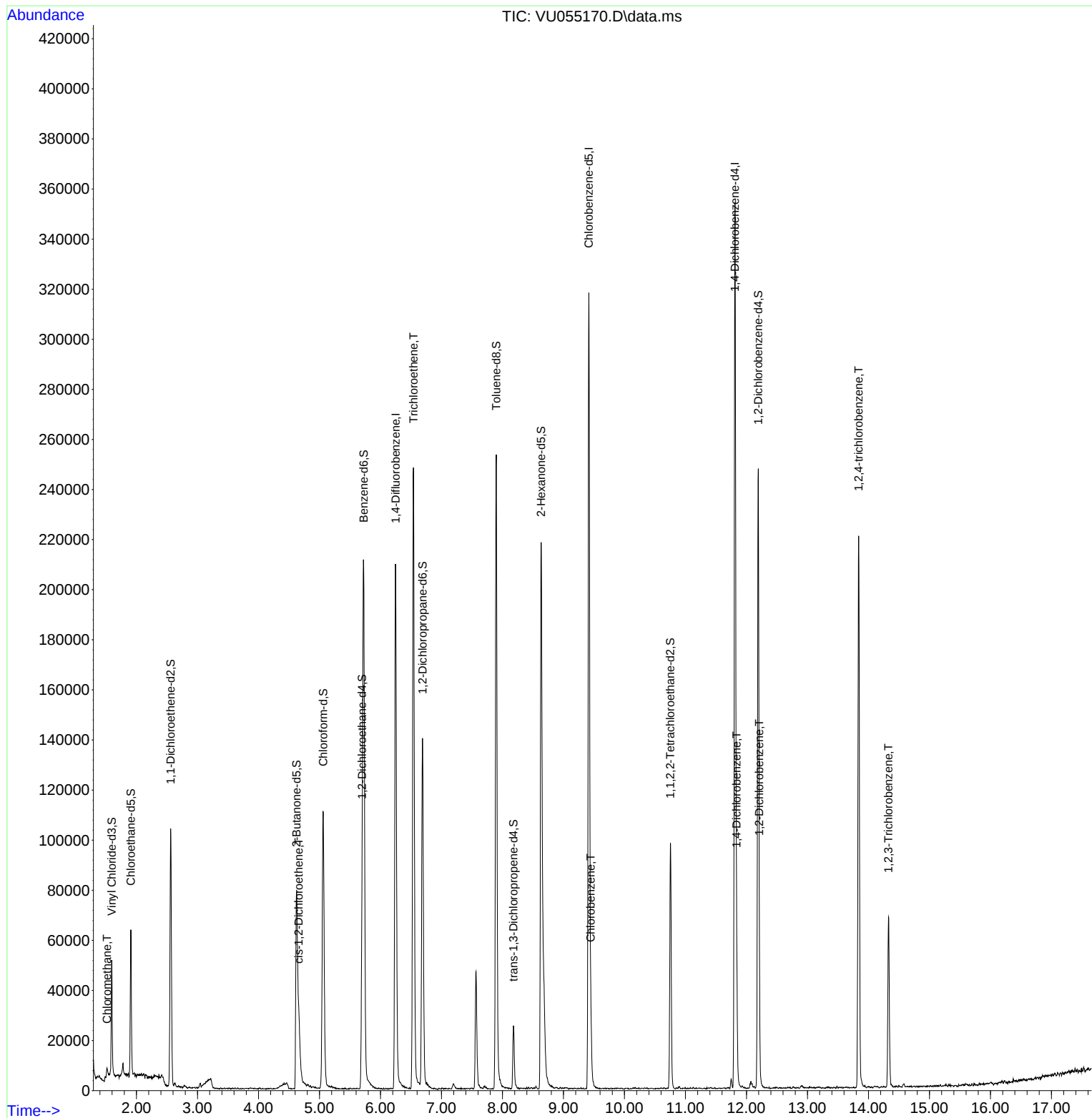
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	164815	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	172987	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	88205	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	32356	4.189	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.908	69	39649	4.434	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.560	65	19507	4.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.625	46	119939	53.506	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.020%
24) Chloroform-d	5.059	84	102815	5.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.699	65	52688	5.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.724	84	196207	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.689	67	66513	4.897	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.898	98	170739	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.181	79	14976	4.004	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.631	63	70736	46.586	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.180%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	48298	5.057	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	62292	4.838	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	3310	0.339	ug/L	89
22) cis-1,2-Dichloroethene	4.660	96	6325	0.668	ug/L	97
34) Trichloroethene	6.541	95	83087	8.120	ug/L	96
51) Chlorobenzene	9.448	112	12250	0.471	ug/L	92
65) 1,4-Dichlorobenzene	11.837	146	18737	0.952	ug/L	95
67) 1,2-Dichlorobenzene	12.210	146	2787	0.151	ug/L	93
70) 1,2,4-trichlorobenzene	13.840	180	63273	4.522	ug/L	93
72) 1,2,3-Trichlorobenzene	14.328	180	19484	1.604	ug/L	95

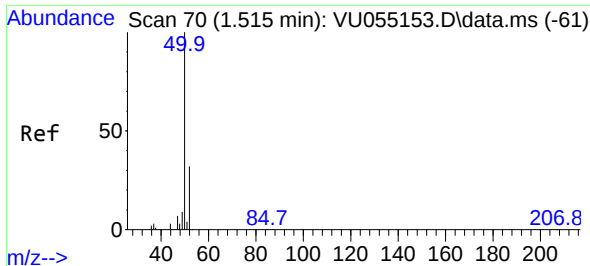
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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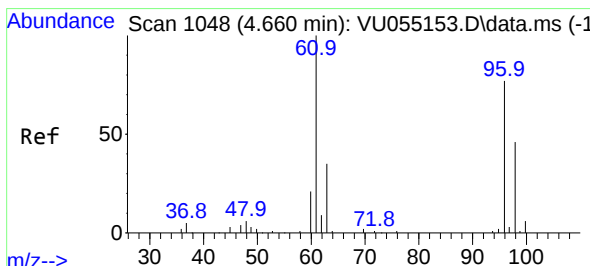
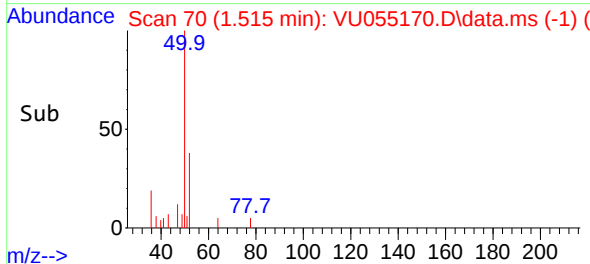
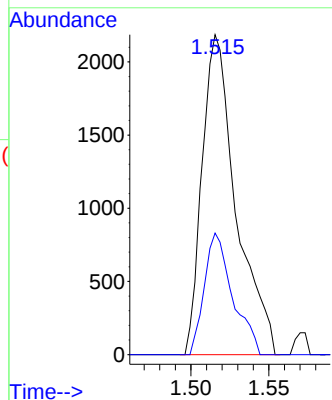
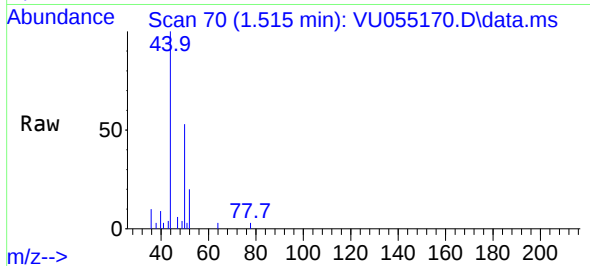




#3
Chloromethane
Concen: 0.339 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055170.D
Acq: 07 Sep 2023 03:47

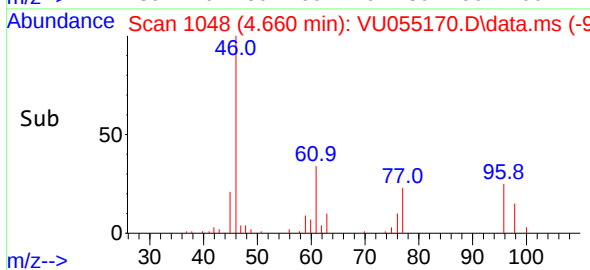
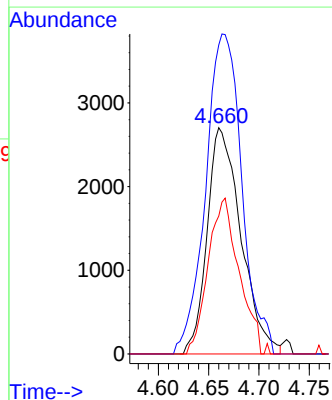
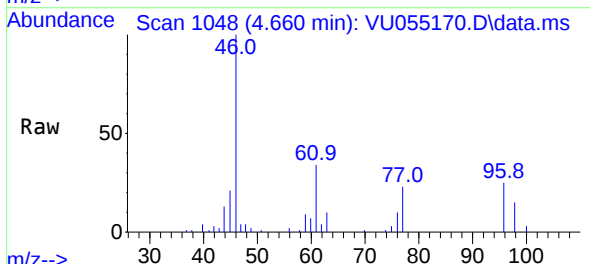
Instrument :
MSVOA_U
ClientSampleId :
BH4G8

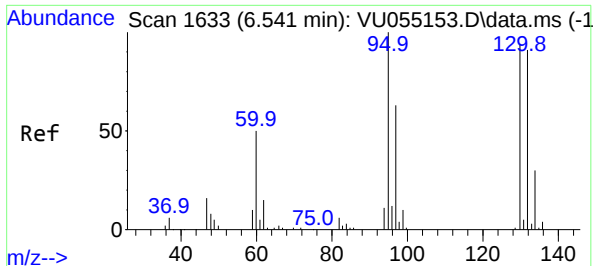
Tgt Ion: 50 Resp: 3310
Ion Ratio Lower Upper
50 100
52 38.0 22.5 41.7



#22
cis-1,2-Dichloroethene
Concen: 0.668 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU055170.D
Acq: 07 Sep 2023 03:47

Tgt Ion: 96 Resp: 6325
Ion Ratio Lower Upper
96 100
61 136.6 97.2 180.4
98 61.0 46.1 85.7

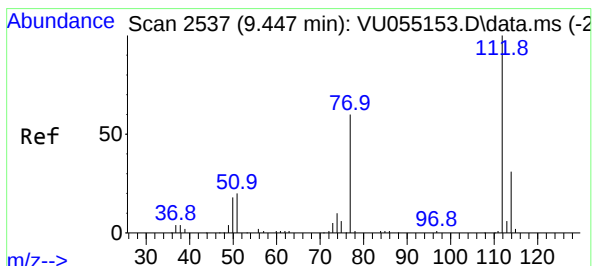
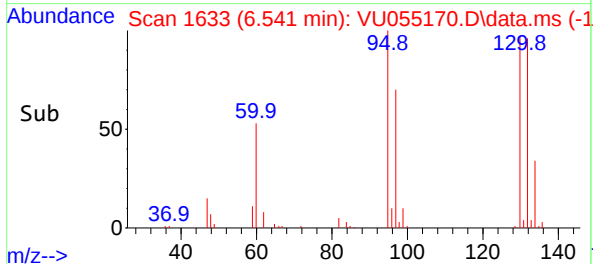
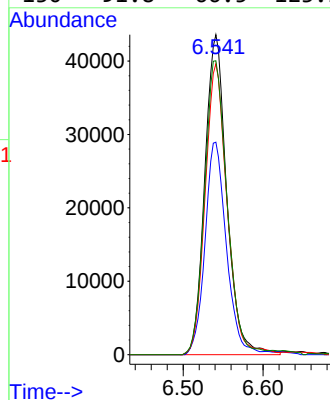
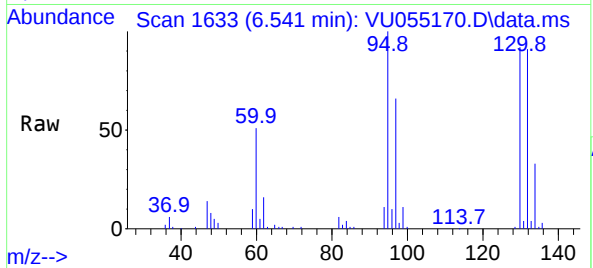




#34
Trichloroethene
Concen: 8.120 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055170.D
Acq: 07 Sep 2023 03:47

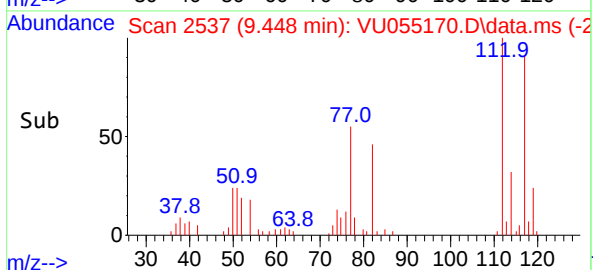
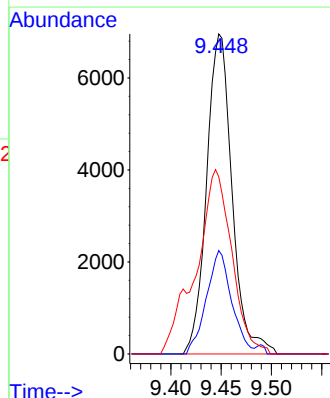
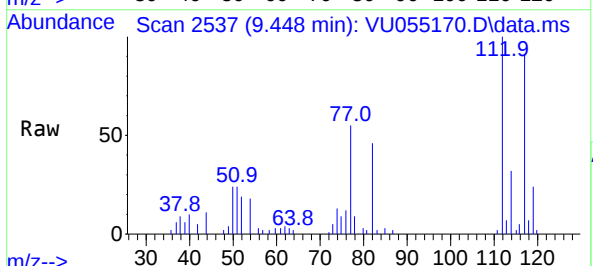
Instrument :
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ClientSampleId :
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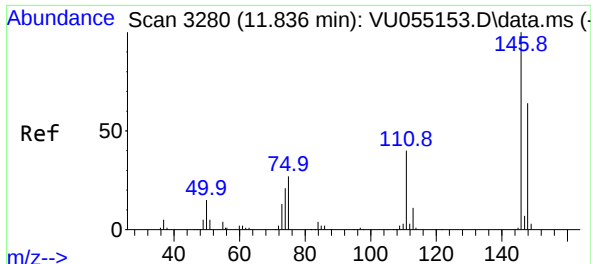
Tgt Ion: 95 Resp: 83087
Ion Ratio Lower Upper
95 100
97 66.4 44.7 83.1
132 90.9 66.6 123.6
130 91.8 66.5 123.5



#51
Chlorobenzene
Concen: 0.471 ug/L
RT: 9.448 min Scan# 2537
Delta R.T. 0.000 min
Lab File: VU055170.D
Acq: 07 Sep 2023 03:47

Tgt Ion: 112 Resp: 12250
Ion Ratio Lower Upper
112 100
114 30.3 21.7 40.3
77 51.9 48.6 72.8

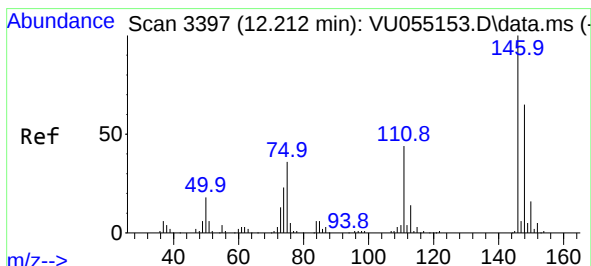
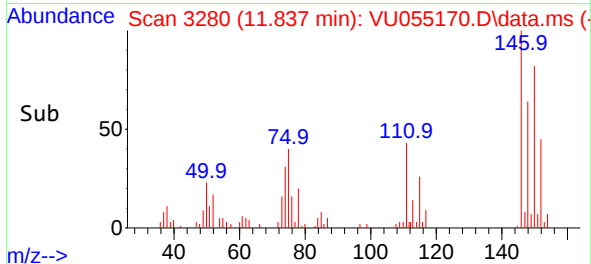
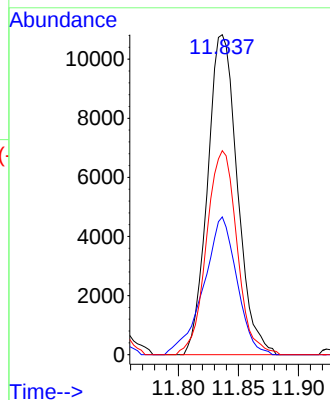
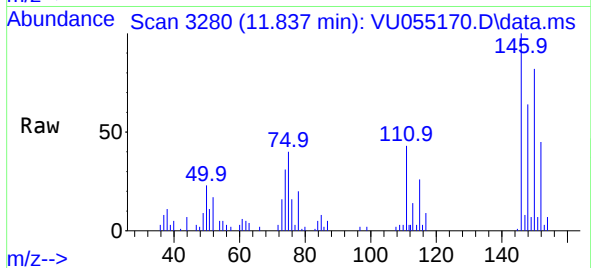




#65
1,4-Dichlorobenzene
Concen: 0.952 ug/L
RT: 11.837 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055170.D
Acq: 07 Sep 2023 03:47

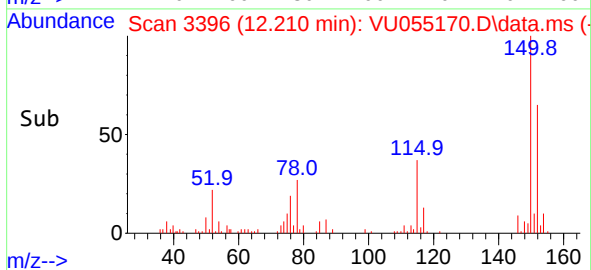
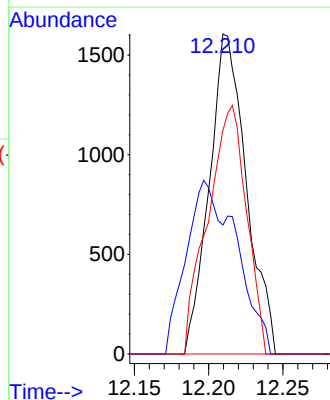
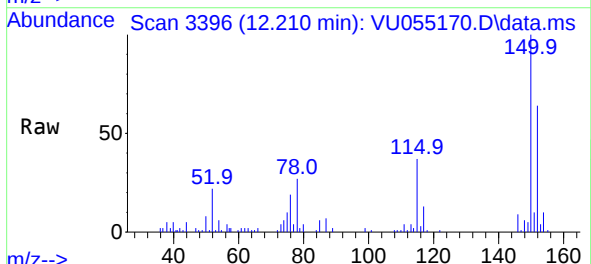
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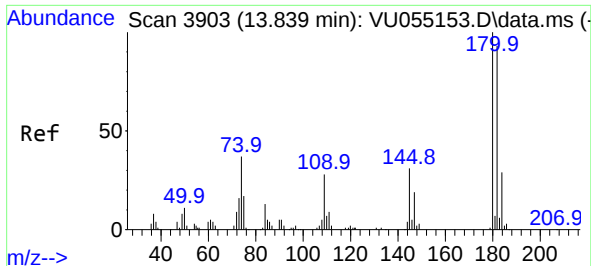
Tgt Ion:	146	Resp:	18737
Ion Ratio	Lower	Upper	
146	100		
111	46.1	28.1	52.1
148	63.7	43.8	81.3



#67
1,2-Dichlorobenzene
Concen: 0.151 ug/L
RT: 12.210 min Scan# 3396
Delta R.T. -0.003 min
Lab File: VU055170.D
Acq: 07 Sep 2023 03:47

Tgt Ion:	146	Resp:	2787
Ion Ratio	Lower	Upper	
146	100		
111	40.3	35.6	53.4
148	69.9	51.3	76.9

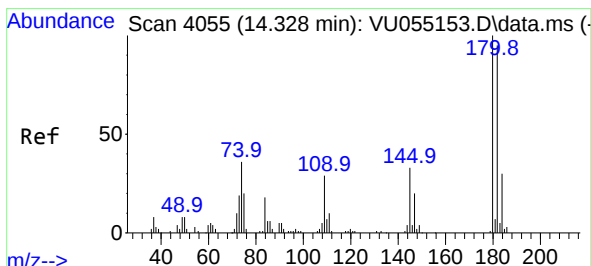
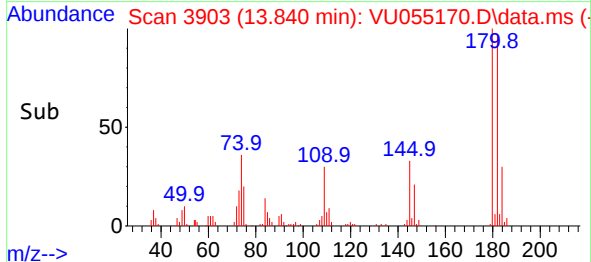
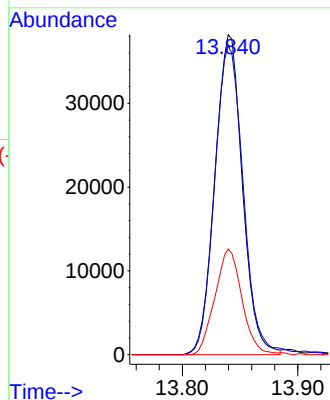
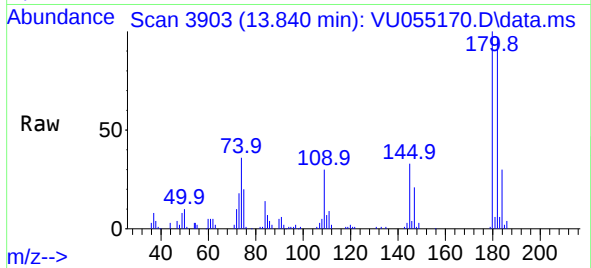




#70
1,2,4-trichlorobenzene
Concen: 4.522 ug/L
RT: 13.840 min Scan# 3903
Delta R.T. 0.000 min
Lab File: VU055170.D
Acq: 07 Sep 2023 03:47

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:	180	Resp:	63273
Ion	Ratio	Lower	Upper
180	100		
182	100.6	73.6	110.4
145	32.5	25.8	38.8



#72
1,2,3-Trichlorobenzene
Concen: 1.604 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. -0.003 min
Lab File: VU055170.D
Acq: 07 Sep 2023 03:47

Tgt Ion:	180	Resp:	19484
Ion	Ratio	Lower	Upper
180	100		
182	100.4	75.6	113.4
145	32.7	27.0	40.6

