

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052080.D
 Acq On : 23 Nov 2022 09:47
 Operator : JC/MD
 Sample : N5760-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL18

Quant Time: Nov 23 10:16:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

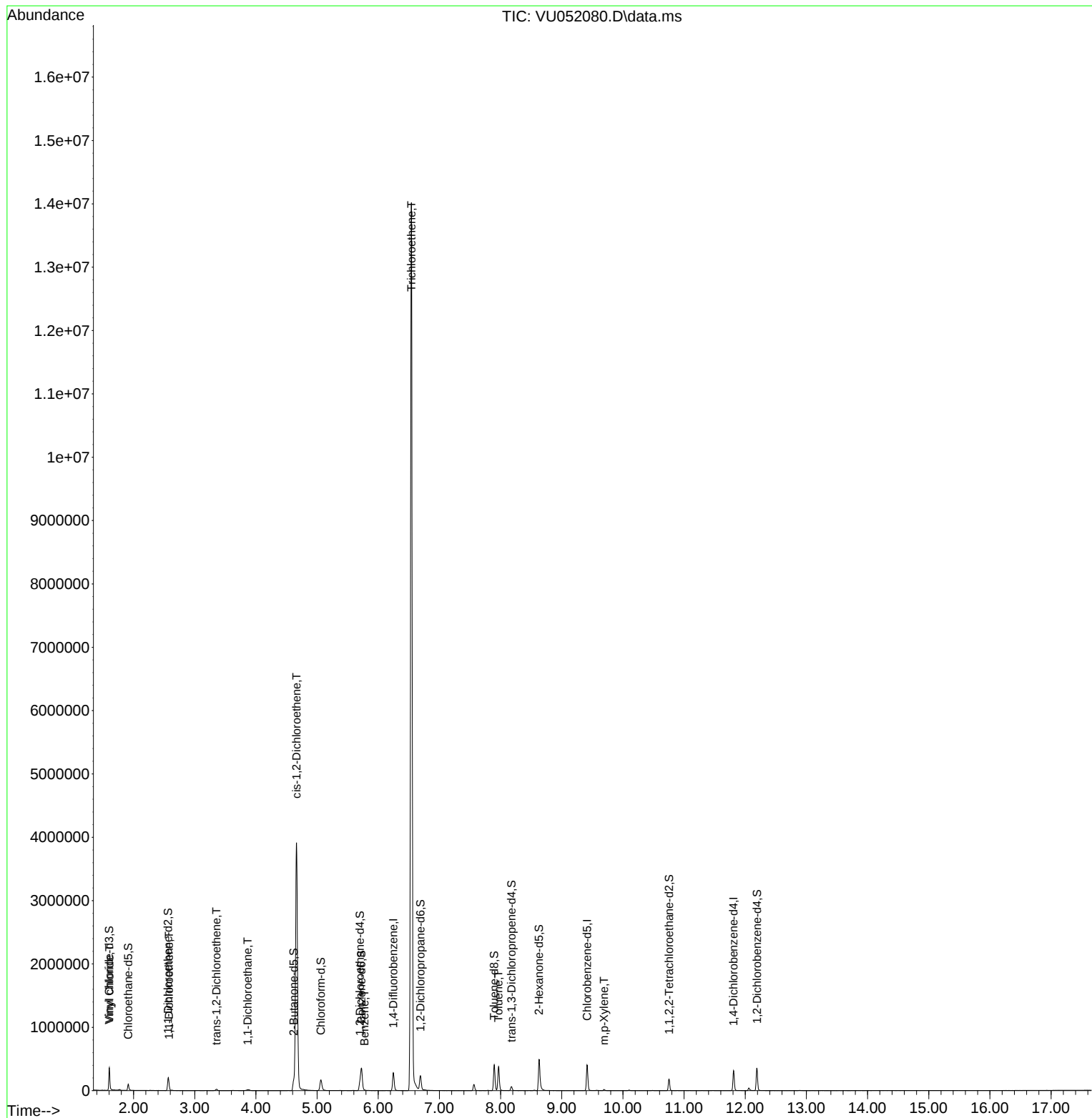
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	232912	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	235971	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	88577	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	99767	4.404	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.000%	
7) Chloroethane-d5	1.912	69	83588	4.750	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.000%	
11) 1,1-Dichloroethene-d2	2.565	65	37460	4.613	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.200%	
20) 2-Butanone-d5	4.616	46	217910	53.064	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.120%	
24) Chloroform-d	5.063	84	162378	4.878	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
26) 1,2-Dichloroethane-d4	5.700	65	87195	5.186	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.800%	
32) Benzene-d6	5.726	84	354798	5.065	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
36) 1,2-Dichloropropane-d6	6.690	67	117448	5.417	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.400%	
41) Toluene-d8	7.896	98	285093	4.498	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
43) trans-1,3-Dichloroprop...	8.179	79	37385	4.732	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.600%	
46) 2-Hexanone-d5	8.629	63	171175	51.125	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.240%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	96543	5.136	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	99938	5.893	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	117.800%	
Target Compounds						
5) Vinyl chloride	1.604	62	179872	7.101	ug/L	99
12) 1,1-Dichloroethene	2.581	96	10978	0.650	ug/L	# 1
18) trans-1,2-Dichloroethene	3.356	96	9774	0.540	ug/L	88
19) 1,1-Dichloroethane	3.864	63	6711	0.206	ug/L	94
22) cis-1,2-Dichloroethene	4.665	96	2097616	110.353	ug/L	97
33) Benzene	5.774	78	5252	0.068	ug/L	100
34) Trichloroethene	6.542	95	5010809	261.599	ug/L	99
42) Toluene	7.967	91	289208	3.661	ug/L	97
53) m,p-Xylene	9.693	106	5374	0.181	ug/L	89

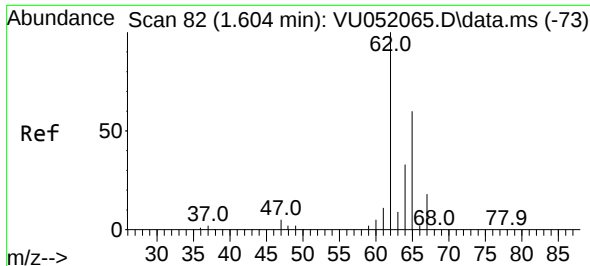
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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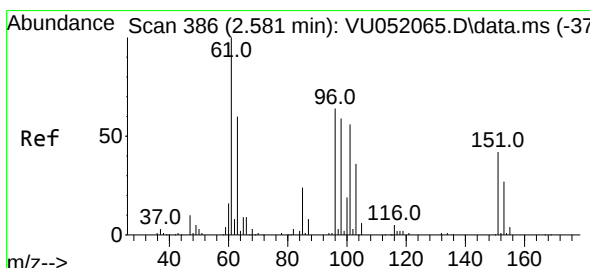
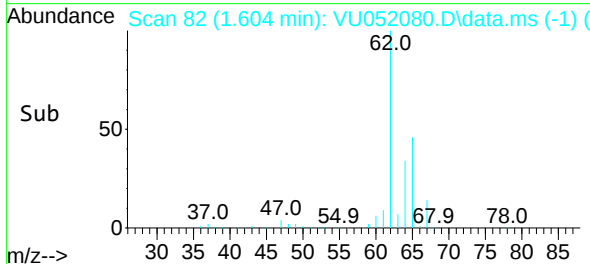
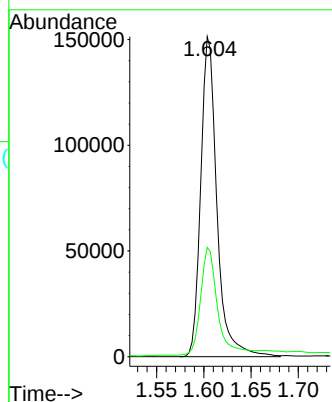
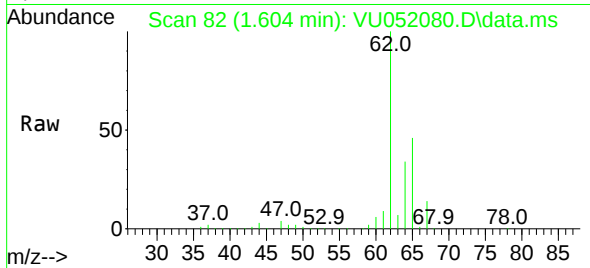




#5
 Vinyl chloride
 Concen: 7.101 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052080.D
 Acq: 23 Nov 2022 09:47

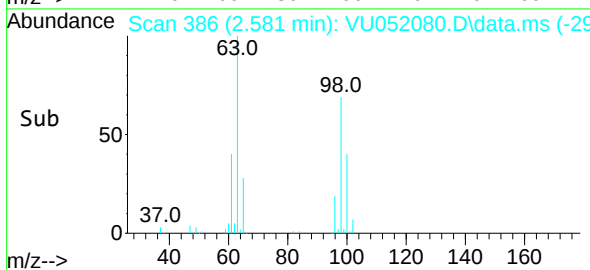
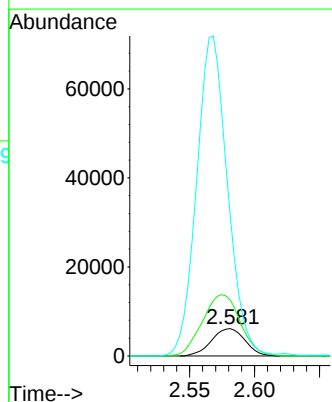
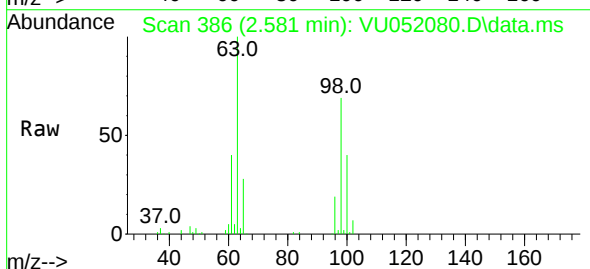
Instrument :
 MSVOA_U
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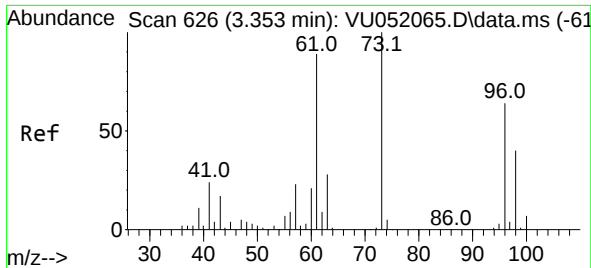
Tgt Ion: 62 Resp: 179872
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.5 43.7



#12
 1,1-Dichloroethene
 Concen: 0.650 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU052080.D
 Acq: 23 Nov 2022 09:47

Tgt Ion: 96 Resp: 10978
 Ion Ratio Lower Upper
 96 100
 61 205.5 114.8 213.2
 63 518.1 93.7 174.1#

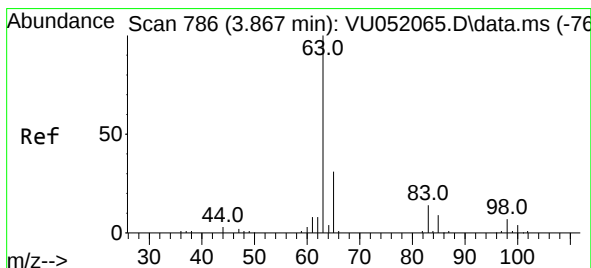
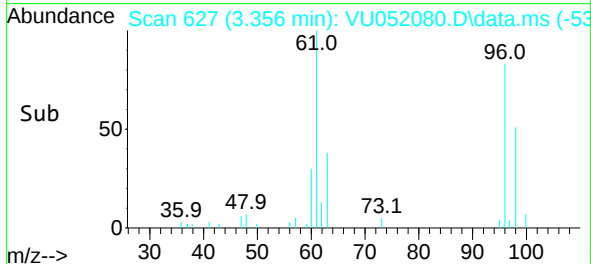
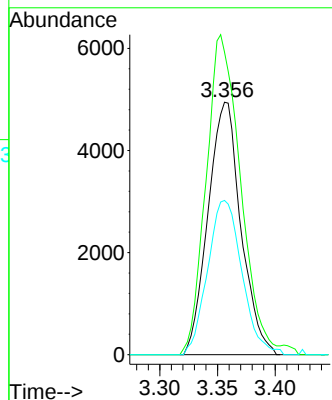
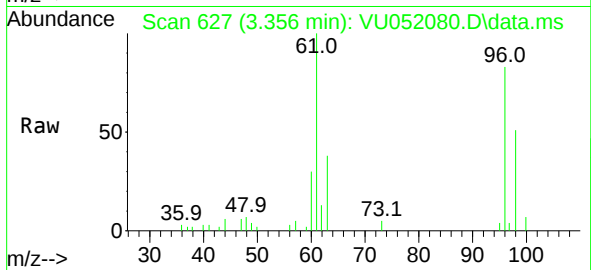




#18
trans-1,2-Dichloroethene
Concen: 0.540 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052080.D
Acq: 23 Nov 2022 09:47

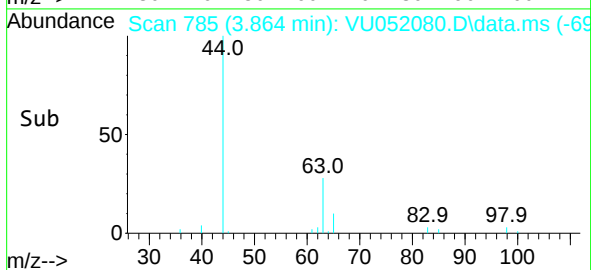
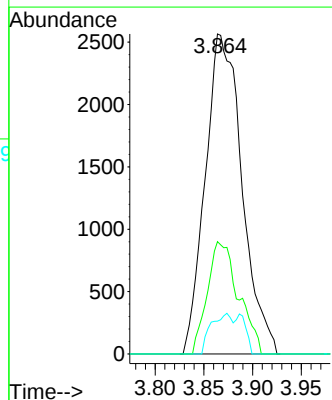
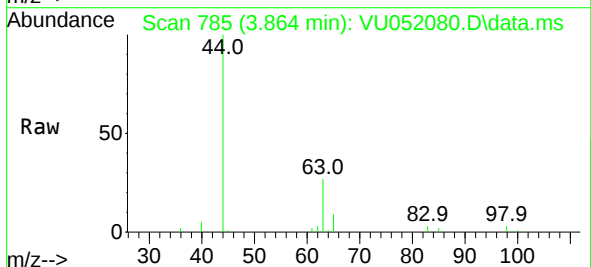
Instrument :
MSVOA_U
ClientSampleId :
COL18

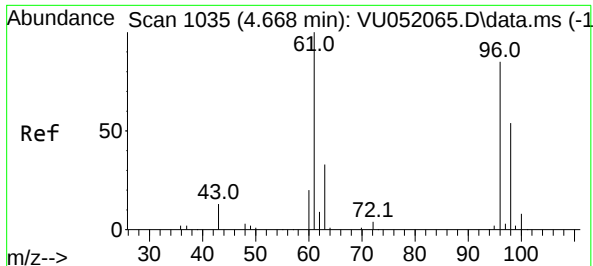
Tgt Ion: 96 Resp: 9774
Ion Ratio Lower Upper
96 100
61 119.9 97.9 181.7
98 61.1 43.8 81.3



#19
1,1-Dichloroethane
Concen: 0.206 ug/L
RT: 3.864 min Scan# 785
Delta R.T. -0.003 min
Lab File: VU052080.D
Acq: 23 Nov 2022 09:47

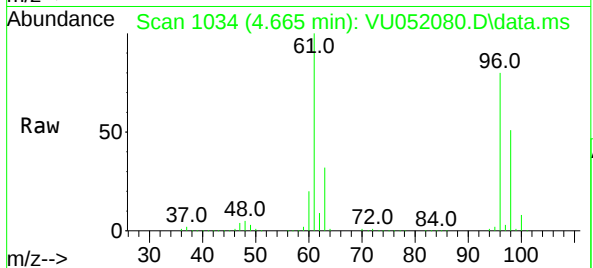
Tgt Ion: 63 Resp: 6711
Ion Ratio Lower Upper
63 100
65 35.1 22.2 41.2
83 10.2 9.2 17.0





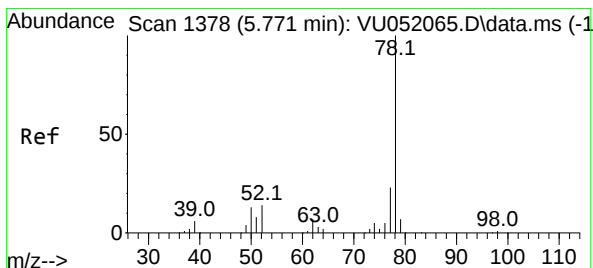
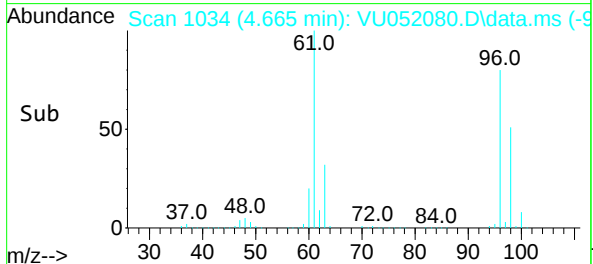
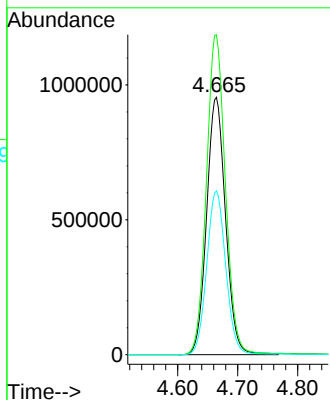
#22
 cis-1,2-Dichloroethene
 Concen: 110.353 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU052080.D
 Acq: 23 Nov 2022 09:47

Instrument :
 MSVOA_U
 ClientSampleId :
 COL18



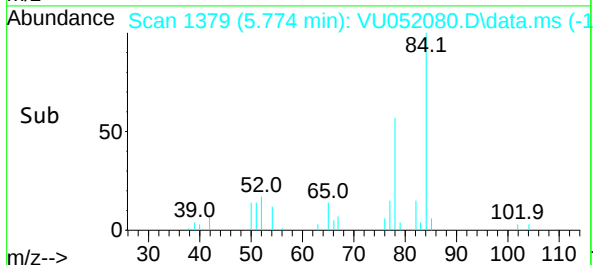
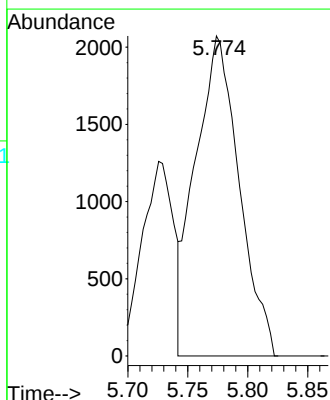
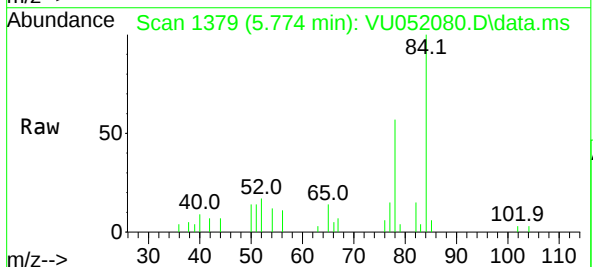
Tgt Ion: 96 Resp: 2097616

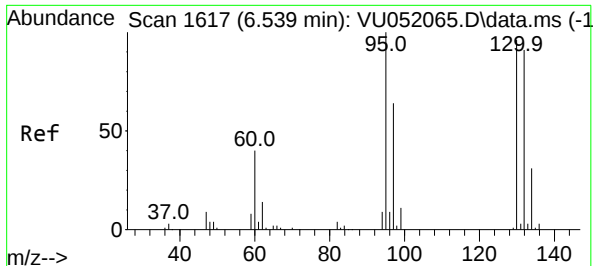
Ion	Ratio	Lower	Upper
96	100		
61	124.3	85.1	158.1
98	63.6	42.8	79.6



#33
 Benzene
 Concen: 0.068 ug/L
 RT: 5.774 min Scan# 1379
 Delta R.T. 0.003 min
 Lab File: VU052080.D
 Acq: 23 Nov 2022 09:47

Tgt Ion: 78 Resp: 5252



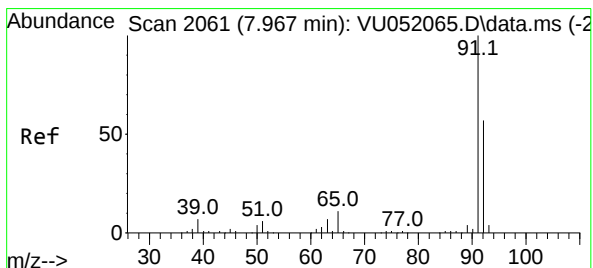
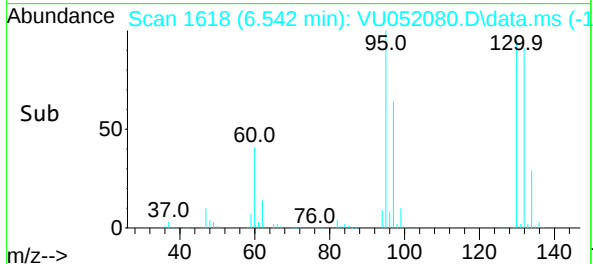
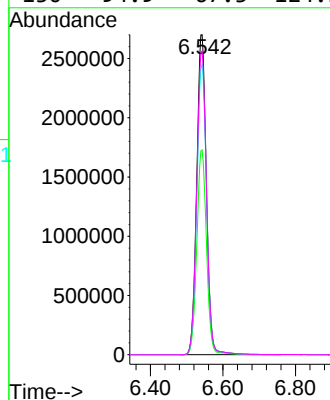
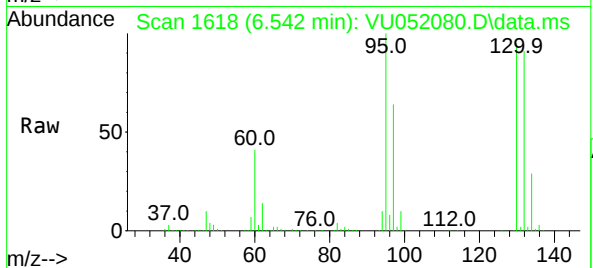


#34
Trichloroethene
Concen: 261.599 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU052080.D
Acq: 23 Nov 2022 09:47

Instrument :
MSVOA_U
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Tgt Ion: 95 Resp: 5010809

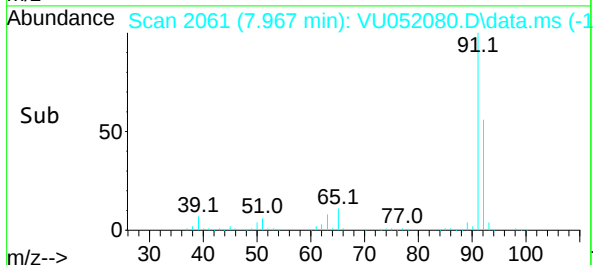
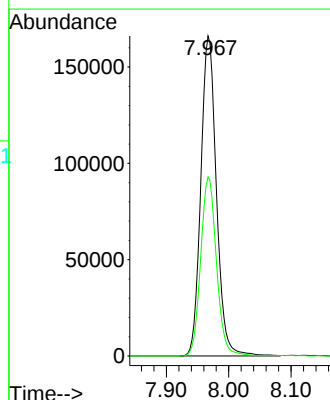
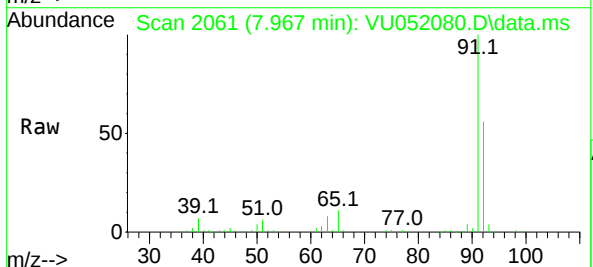
Ion	Ratio	Lower	Upper
95	100		
97	64.0	43.7	81.1
132	90.6	64.3	119.3
130	94.9	67.3	124.9

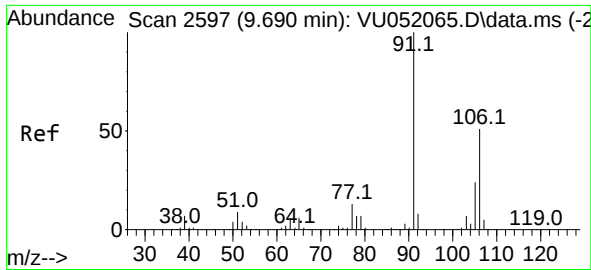


#42
Toluene
Concen: 3.661 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU052080.D
Acq: 23 Nov 2022 09:47

Tgt Ion: 91 Resp: 289208

Ion	Ratio	Lower	Upper
91	100		
92	56.0	40.7	75.5





#53
 m,p-Xylene
 Concen: 0.181 ug/L
 RT: 9.693 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU052080.D
 Acq: 23 Nov 2022 09:47

Instrument :
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Tgt Ion:106 Resp: 5374
 Ion Ratio Lower Upper
 106 100
 91 213.6 137.7 255.7

