

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051664.D
 Acq On : 01 Nov 2022 19:20
 Operator : JC/MD
 Sample : N5353-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBXB3

Quant Time: Nov 02 02:05:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 02 01:48:00 2022
 Response via : Initial Calibration

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

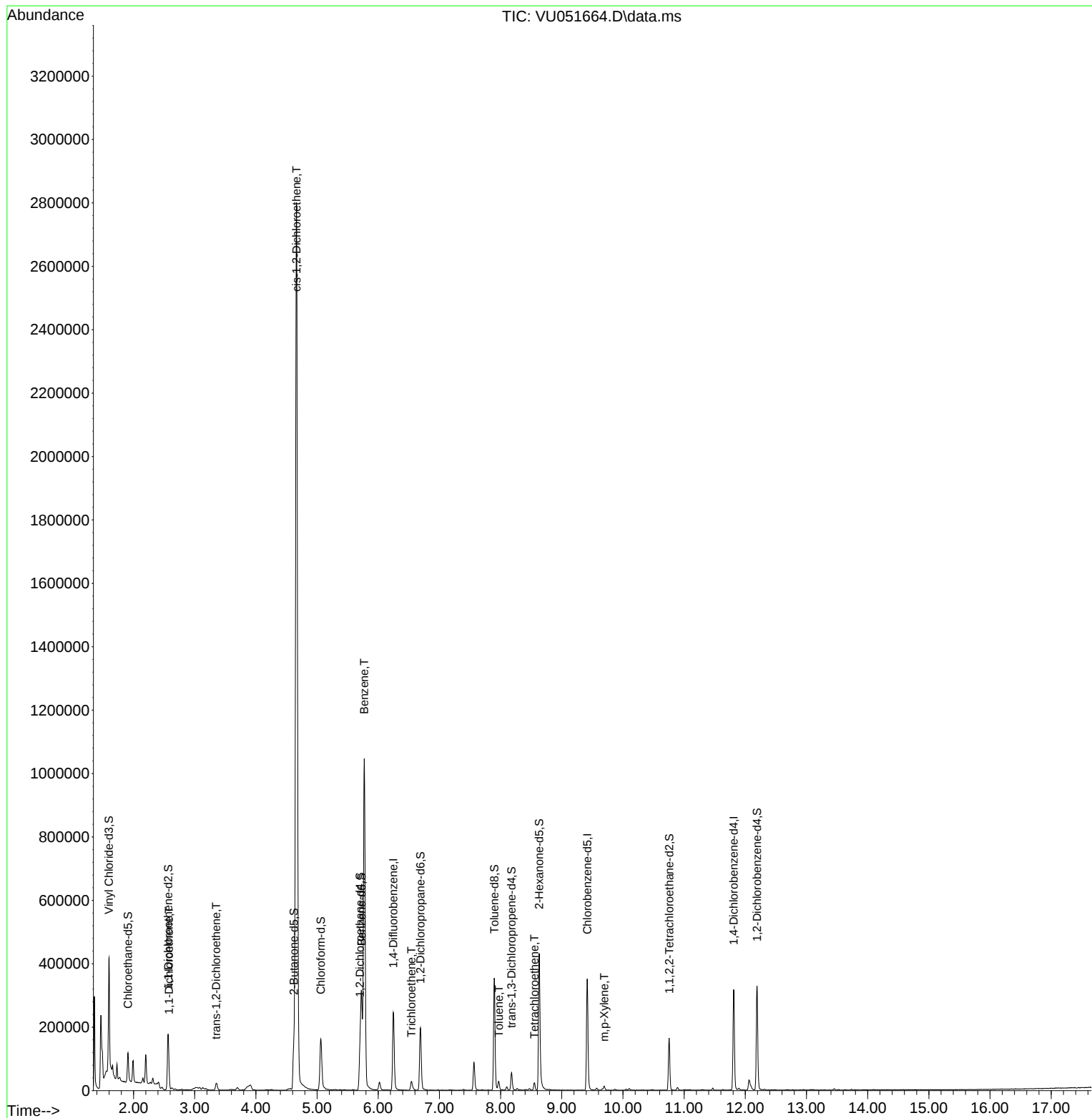
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	206832	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	203476	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	89518	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	77766	4.992	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.909	69	70279	4.326	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.565	65	30927	5.470	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.400%
20) 2-Butanone-d5	4.620	46	189991	33.677	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.360%
24) Chloroform-d	5.060	84	152156	4.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.700	65	79353	4.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
32) Benzene-d6	5.726	84	306865	4.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.690	67	100459	4.474	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.896	98	241640	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.179	79	31838	4.638	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.629	63	151823	36.736	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.480%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	83673	4.067	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	90376	5.501	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	10009	0.557	ug/L	# 1
18) trans-1,2-Dichloroethene	3.350	96	6059	0.314	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	1513521	70.882	ug/L	99
33) Benzene	5.771	78	1034320	12.881	ug/L	100
34) Trichloroethene	6.542	95	9943	0.513	ug/L	95
42) Toluene	7.970	91	19931	0.242	ug/L	97
47) Tetrachloroethene	8.552	164	5477	0.369	ug/L	97
53) m,p-Xylene	9.693	106	3643	0.118	ug/L	78

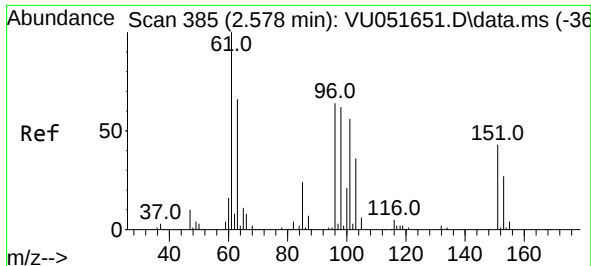
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 02 01:48:00 2022
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#12

1,1-Dichloroethene

Concen: 0.557 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU051664.D

Acq: 01 Nov 2022 19:20

Instrument :

MSVOA_U

ClientSampleId :

DBXB3

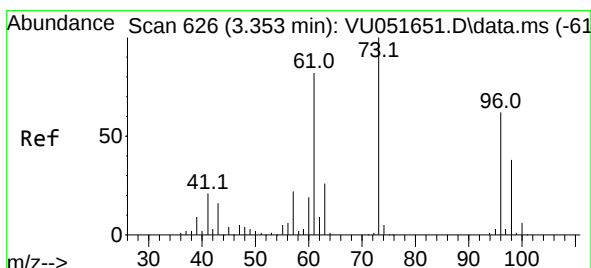
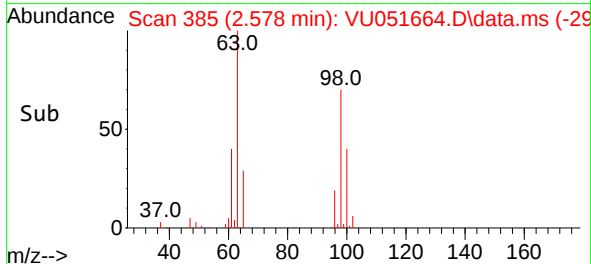
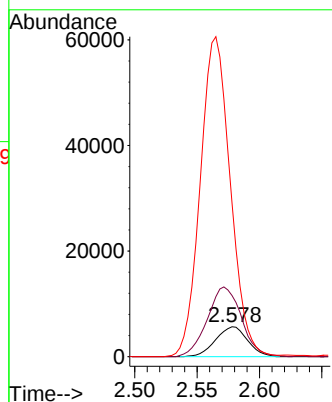
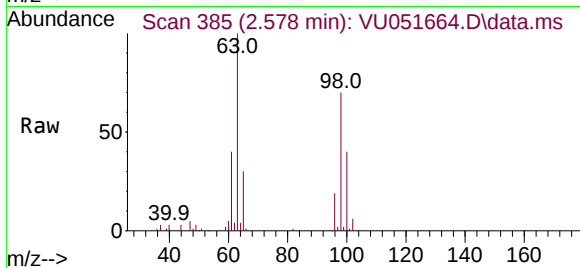
Tgt Ion: 96 Resp: 10009

Ion Ratio Lower Upper

96 100

61 204.3 108.8 202.0#

63 513.3 64.9 120.5#



#18

trans-1,2-Dichloroethene

Concen: 0.314 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU051664.D

Acq: 01 Nov 2022 19:20

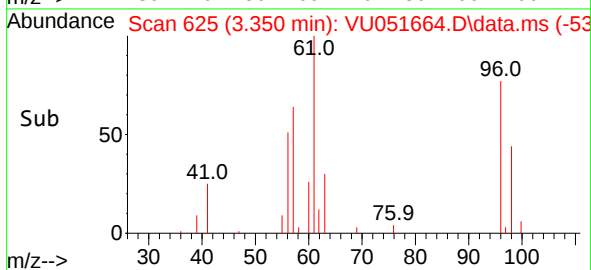
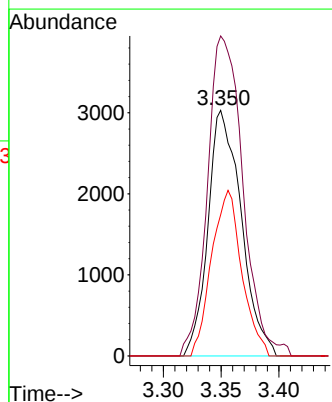
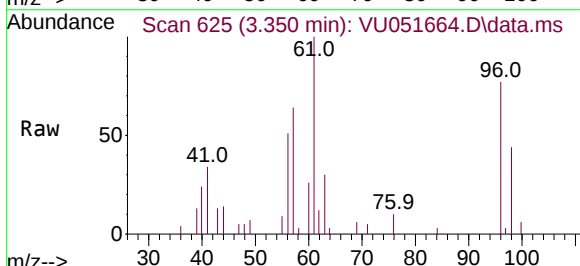
Tgt Ion: 96 Resp: 6059

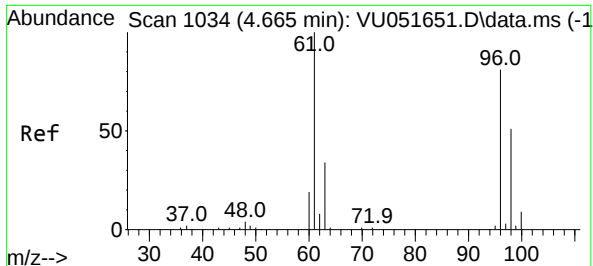
Ion Ratio Lower Upper

96 100

61 130.3 94.7 175.9

98 57.5 44.2 82.0





#22

cis-1,2-Dichloroethene

Concen: 70.882 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051664.D

Acq: 01 Nov 2022 19:20

Instrument :

MSVOA_U

ClientSampleId :

DBXB3

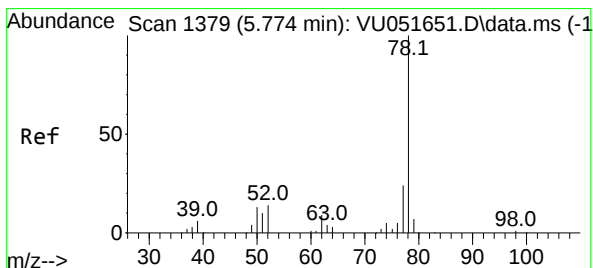
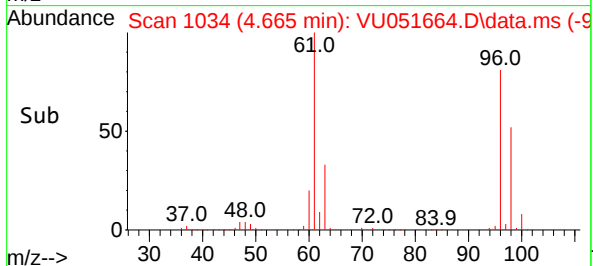
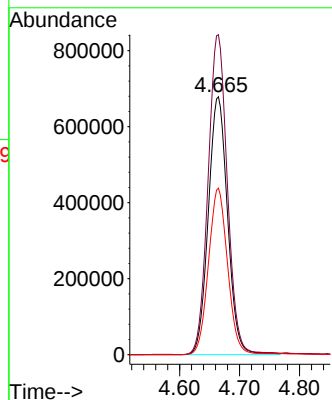
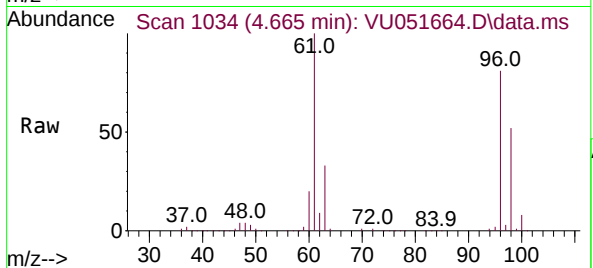
Tgt Ion: 96 Resp: 1513521

Ion Ratio Lower Upper

96 100

61 124.1 86.4 160.4

98 64.6 44.2 82.2



#33

Benzene

Concen: 12.881 ug/L

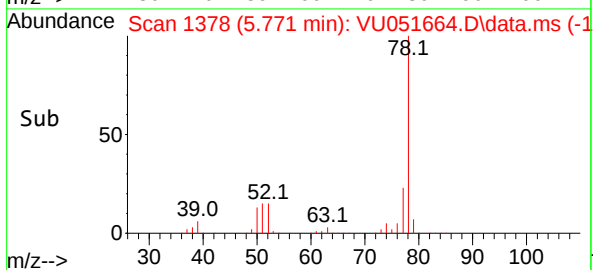
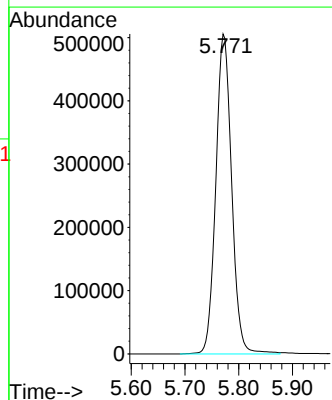
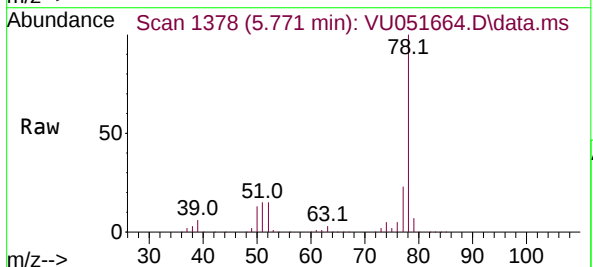
RT: 5.771 min Scan# 1378

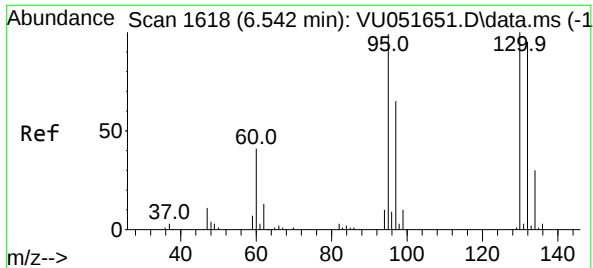
Delta R.T. -0.003 min

Lab File: VU051664.D

Acq: 01 Nov 2022 19:20

Tgt Ion: 78 Resp: 1034320



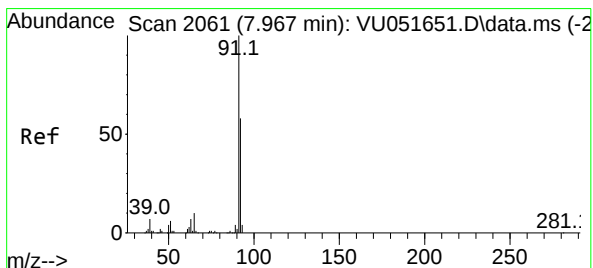
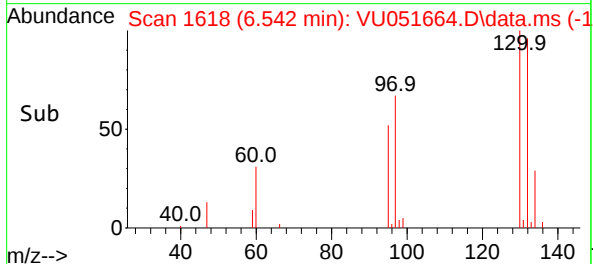
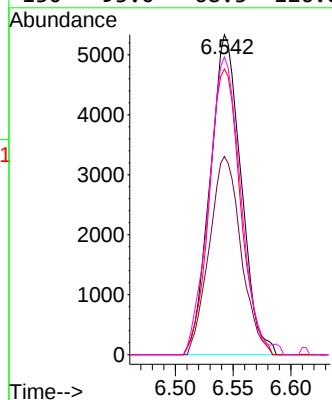
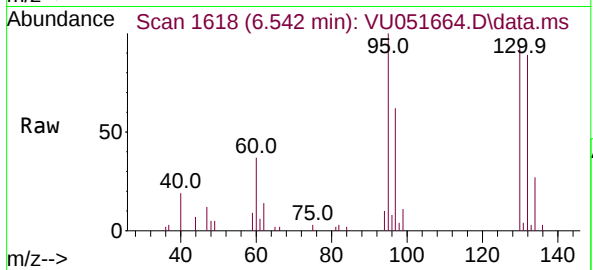


#34
 Trichloroethene
 Concen: 0.513 ug/L
 RT: 6.542 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: VU051664.D
 Acq: 01 Nov 2022 19:20

Instrument :
 MSVOA_U
 ClientSampleId :
 DBXB3

Tgt Ion: 95 Resp: 9943

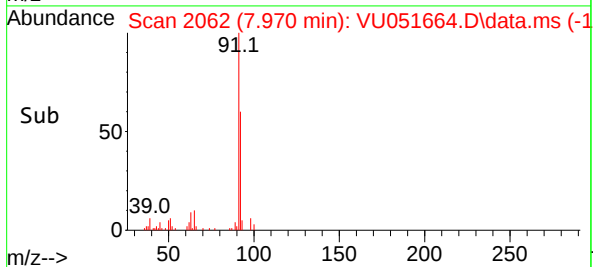
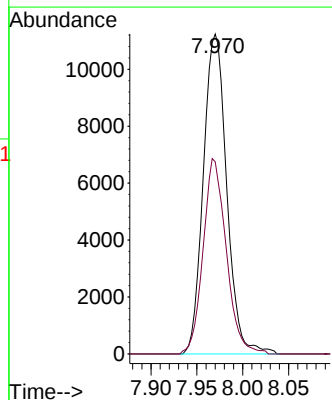
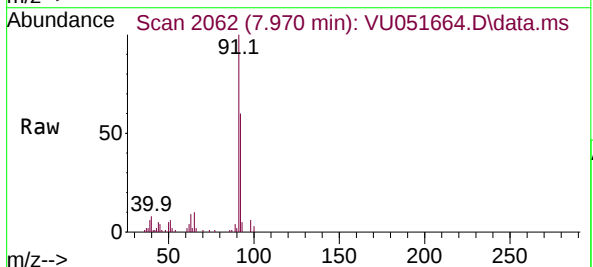
Ion	Ratio	Lower	Upper
95	100		
97	61.9	45.2	84.0
132	89.3	66.5	123.5
130	93.0	68.3	126.8

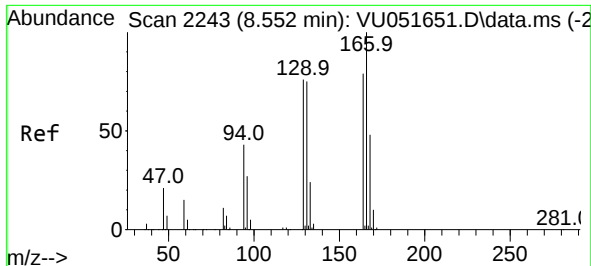


#42
 Toluene
 Concen: 0.242 ug/L
 RT: 7.970 min Scan# 2062
 Delta R.T. 0.003 min
 Lab File: VU051664.D
 Acq: 01 Nov 2022 19:20

Tgt Ion: 91 Resp: 19931

Ion	Ratio	Lower	Upper
91	100		
92	60.0	40.5	75.3





#47

Tetrachloroethene

Concen: 0.369 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051664.D

Acq: 01 Nov 2022 19:20

Instrument :

MSVOA_U

ClientSampleId :

DBXB3

Tgt Ion:164 Resp: 5477

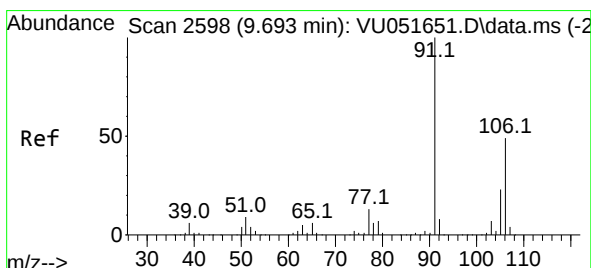
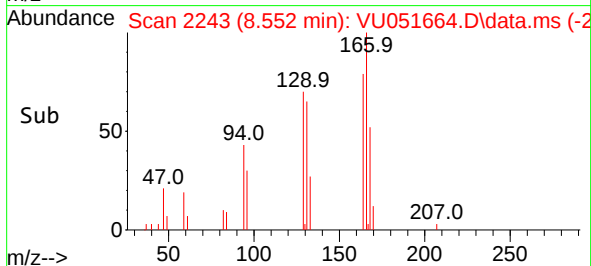
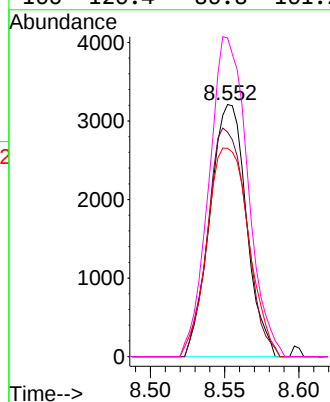
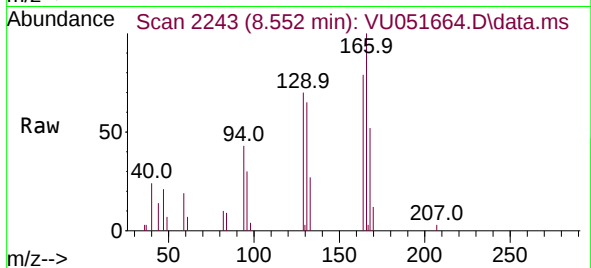
Ion Ratio Lower Upper

164 100

129 89.1 64.0 118.8

131 82.6 60.7 112.7

166 126.4 86.8 161.2



#53

m,p-Xylene

Concen: 0.118 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU051664.D

Acq: 01 Nov 2022 19:20

Tgt Ion:106 Resp: 3643

Ion Ratio Lower Upper

106 100

91 233.1 139.4 259.0

