

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052510.D
 Acq On : 22 Dec 2022 22:52
 Operator : JC/MD
 Sample : N6170-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB1

Quant Time: Dec 23 06:42:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 23 06:08:56 2022
 Response via : Initial Calibration

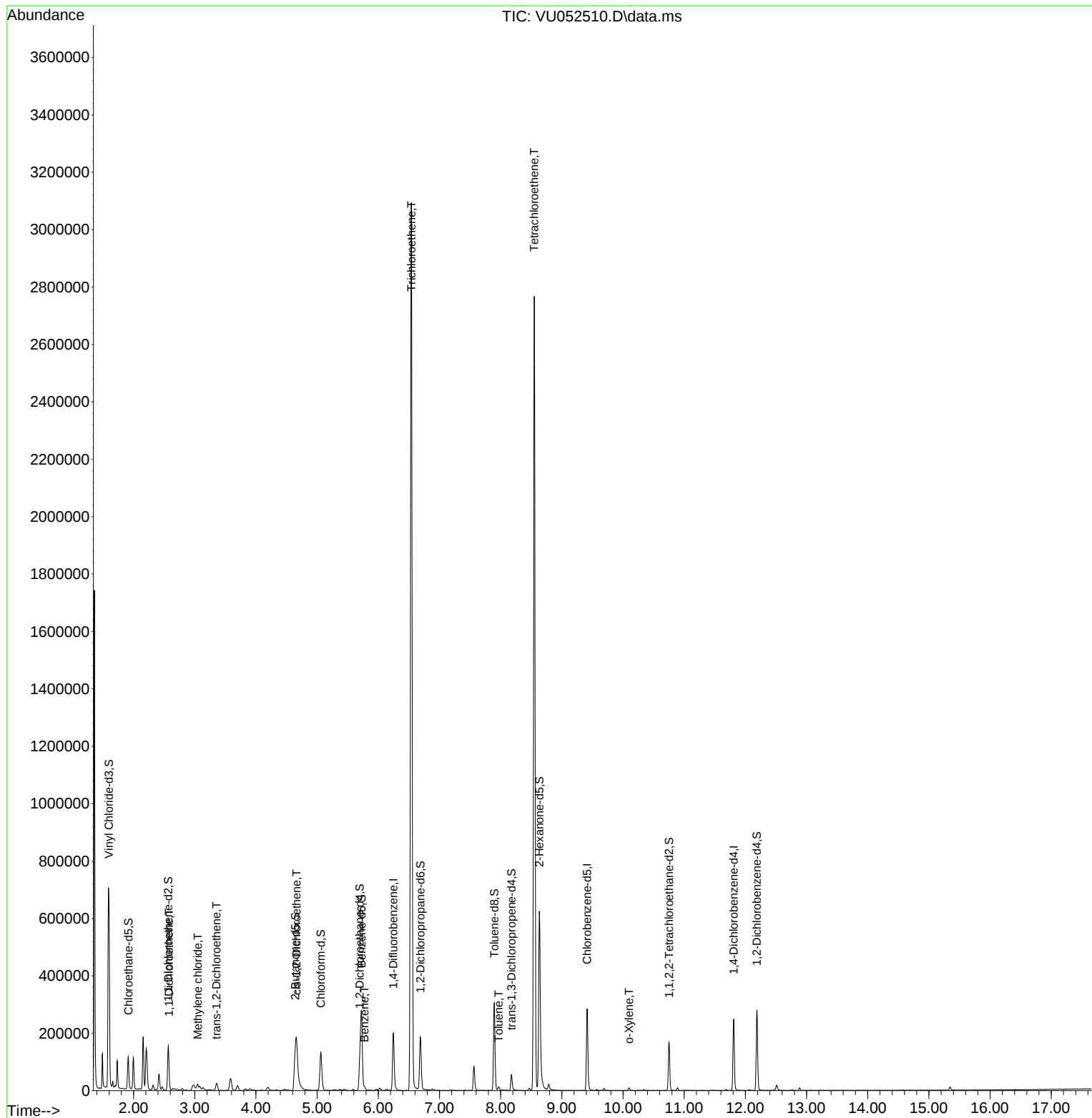
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	153825	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	149684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62623	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	68044	4.366	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.400%	
7) Chloroethane-d5	1.916	69	60735	4.519	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.400%	
11) 1,1-Dichloroethene-d2	2.568	65	29841	4.450	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.000%	
20) 2-Butanone-d5	4.645	46	312521	64.668	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	129.340%	
24) Chloroform-d	5.060	84	122389	4.655	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
26) 1,2-Dichloroethane-d4	5.697	65	80237	5.261	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.200%	
32) Benzene-d6	5.726	84	247901	4.831	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
36) 1,2-Dichloropropane-d6	6.687	67	90691	5.134	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.600%	
41) Toluene-d8	7.896	98	197723	4.590	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
43) trans-1,3-Dichloroprop...	8.176	79	30712	5.077	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	101.600%	
46) 2-Hexanone-d5	8.632	63	228836	69.144	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	138.280%#	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	84554	5.638	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	112.800%	
66) 1,2-Dichlorobenzene-d4	12.189	152	69471	5.449	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.000%	
Target Compounds						
12) 1,1-Dichloroethene	2.578	96	2397	0.208	ug/L #	1
16) Methylene chloride	3.047	84	7536	0.463	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	4395	0.370	ug/L	89
22) cis-1,2-Dichloroethene	4.665	96	39304	3.016	ug/L	95
33) Benzene	5.774	78	9725	0.180	ug/L	100
34) Trichloroethene	6.539	95	1058103	83.949	ug/L	99
42) Toluene	7.967	91	8368	0.162	ug/L	96
47) Tetrachloroethene	8.549	164	584769	66.466	ug/L	99
54) o-Xylene	10.099	106	2371	0.125	ug/L	97

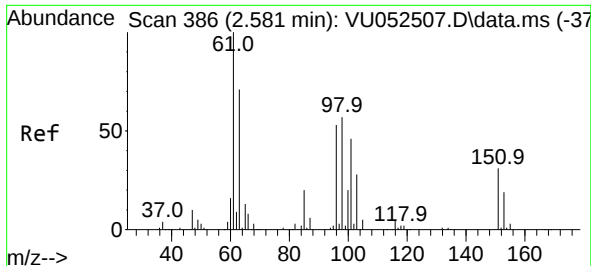
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 23 06:08:56 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.208 ug/L

RT: 2.578 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU052510.D

Acq: 22 Dec 2022 22:52

Instrument :

MSVOA_U

ClientSampleId :

GBQB1

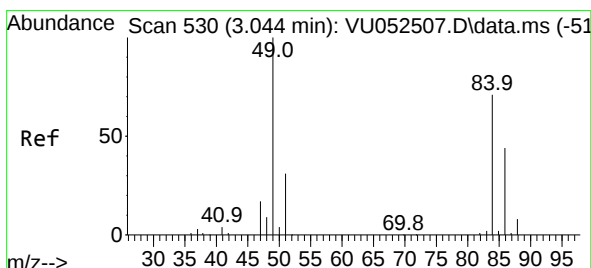
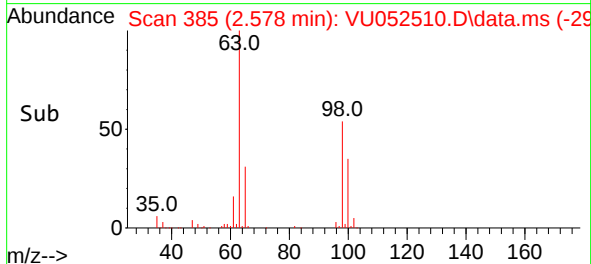
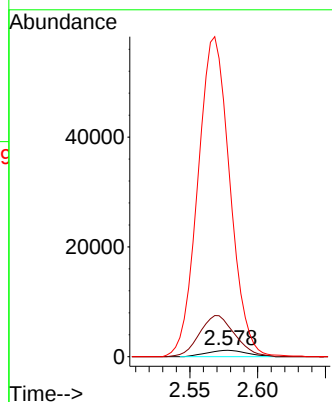
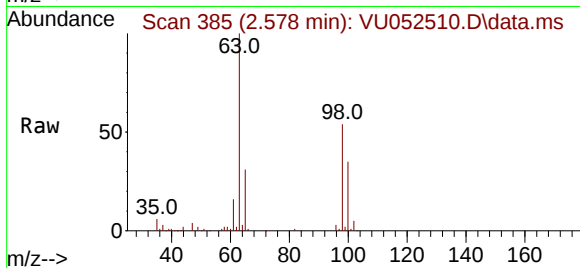
Tgt Ion: 96 Resp: 2397

Ion Ratio Lower Upper

96 100

61 488.4 135.4 251.4#

63 3148.5 95.4 177.2#



#16

Methylene chloride

Concen: 0.463 ug/L

RT: 3.047 min Scan# 531

Delta R.T. 0.003 min

Lab File: VU052510.D

Acq: 22 Dec 2022 22:52

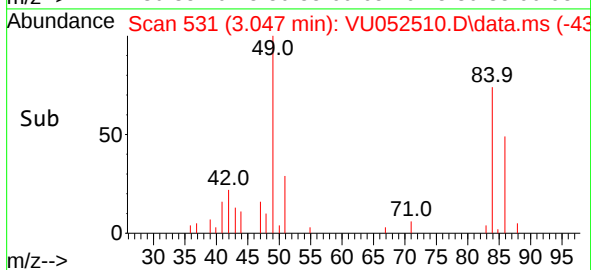
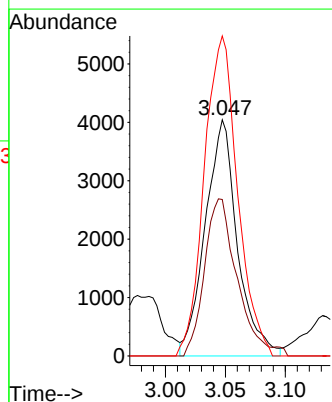
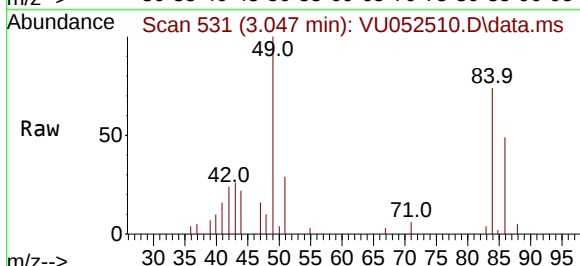
Tgt Ion: 84 Resp: 7536

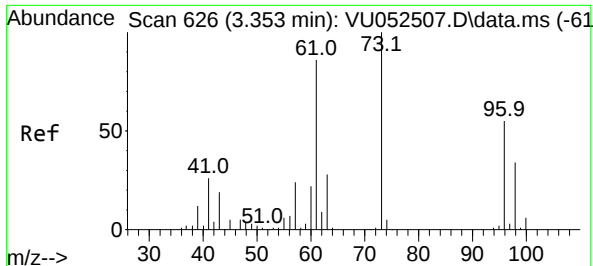
Ion Ratio Lower Upper

84 100

86 66.3 44.7 83.1

49 135.5 93.3 173.3

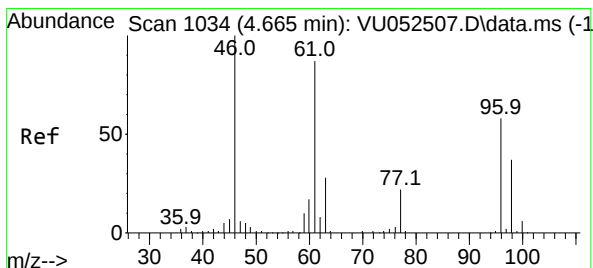
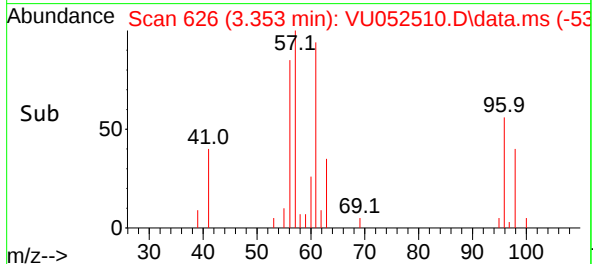
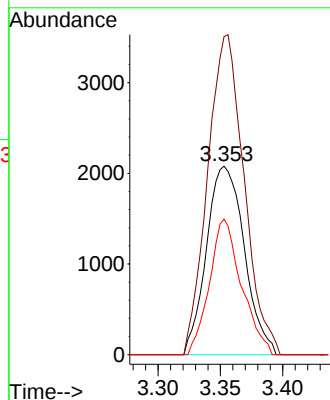
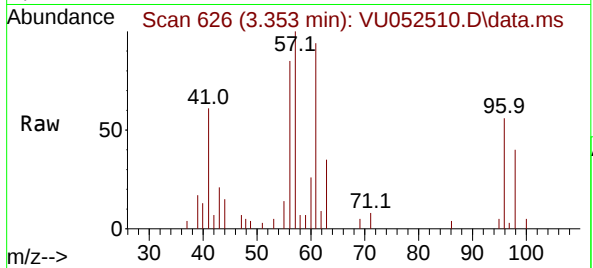




#18
trans-1,2-Dichloroethene
Concen: 0.370 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052510.D
Acq: 22 Dec 2022 22:52

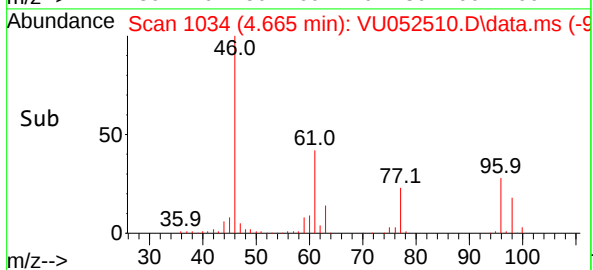
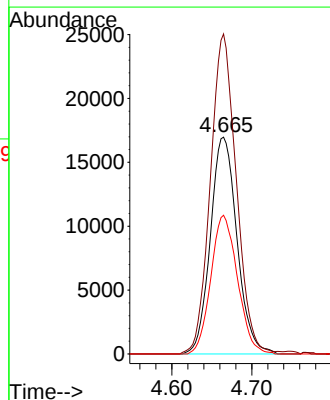
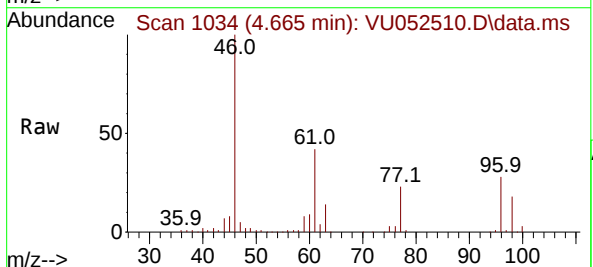
Instrument :
MSVOA_U
ClientSampleId :
GBQB1

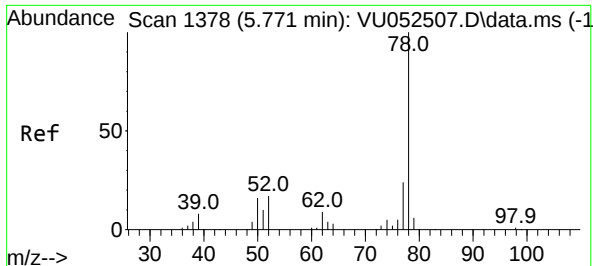
Tgt Ion: 96 Resp: 4395
Ion Ratio Lower Upper
96 100
61 168.8 108.3 201.1
98 71.9 44.0 81.6



#22
cis-1,2-Dichloroethene
Concen: 3.016 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052510.D
Acq: 22 Dec 2022 22:52

Tgt Ion: 96 Resp: 39304
Ion Ratio Lower Upper
96 100
61 147.5 96.9 180.1
98 64.0 44.7 83.1

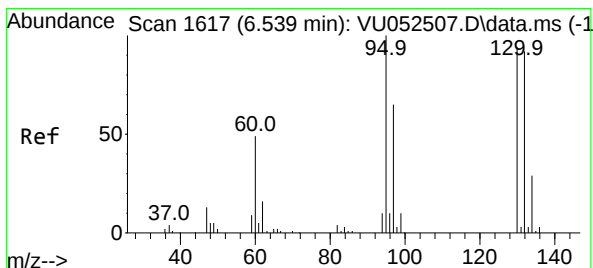
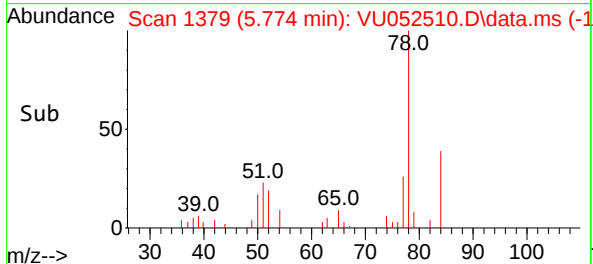
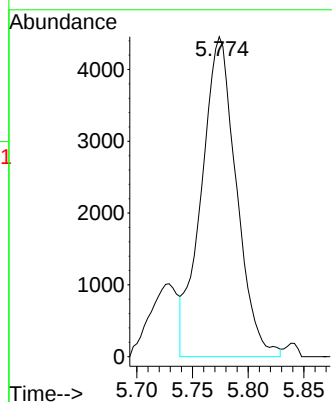
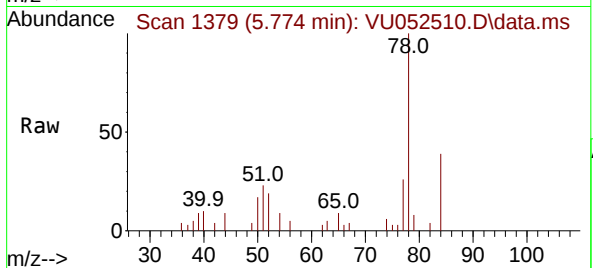




#33
Benzene
Concen: 0.180 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052510.D
Acq: 22 Dec 2022 22:52

Instrument :
MSVOA_U
ClientSampleId :
GBQB1

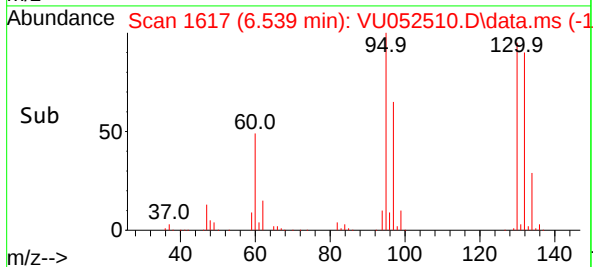
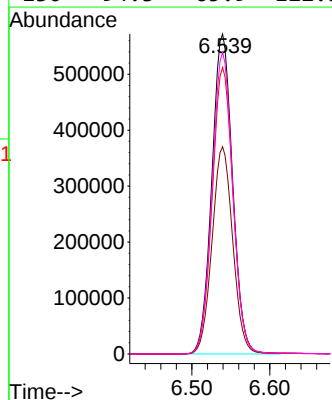
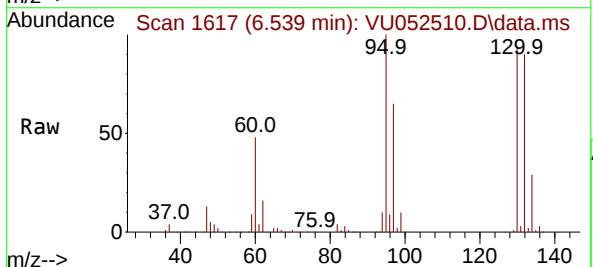
Tgt Ion: 78 Resp: 9725

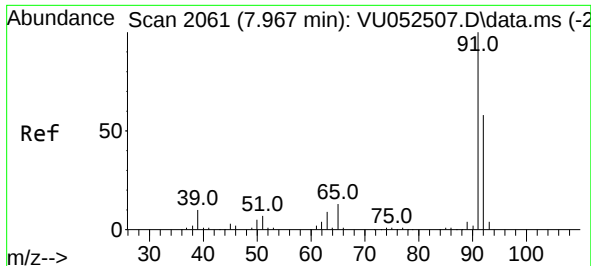


#34
Trichloroethene
Concen: 83.949 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052510.D
Acq: 22 Dec 2022 22:52

Tgt Ion: 95 Resp: 1058103

Ion	Ratio	Lower	Upper
95	100		
97	64.7	46.3	86.1
132	89.6	63.9	118.7
130	94.3	65.9	122.5





#42

Toluene

Concen: 0.162 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052510.D

Acq: 22 Dec 2022 22:52

Instrument :

MSVOA_U

ClientSampleId :

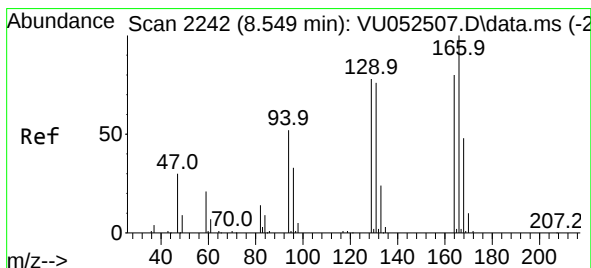
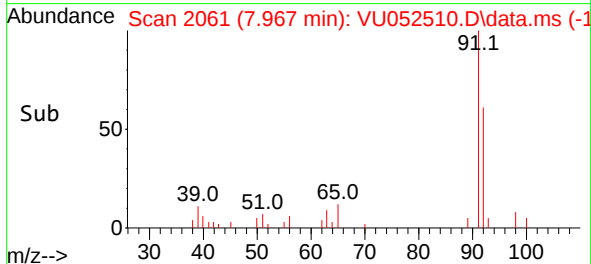
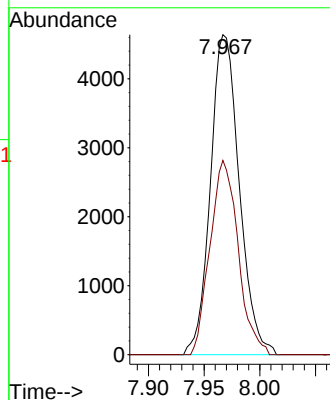
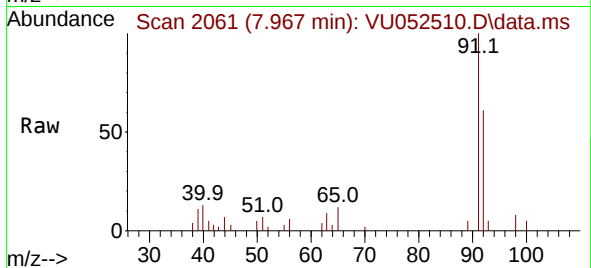
GBQB1

Tgt Ion: 91 Resp: 8368

Ion Ratio Lower Upper

91 100

92 60.7 40.6 75.4



#47

Tetrachloroethene

Concen: 66.466 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. 0.000 min

Lab File: VU052510.D

Acq: 22 Dec 2022 22:52

Tgt Ion: 164 Resp: 584769

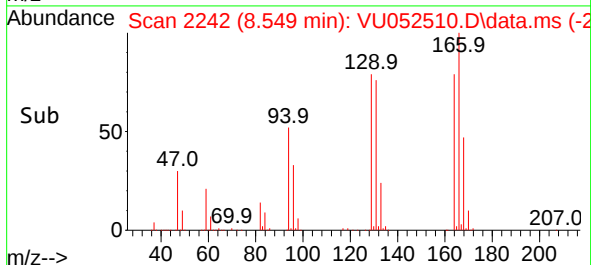
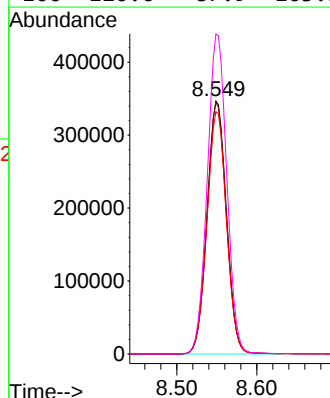
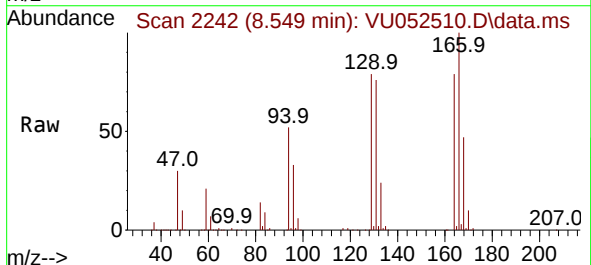
Ion Ratio Lower Upper

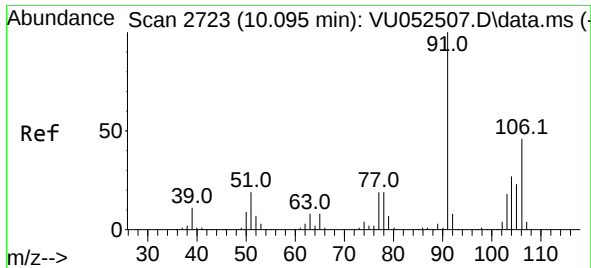
164 100

129 99.4 68.1 126.5

131 95.8 66.5 123.5

166 126.6 87.9 163.3





#54
 o-Xylene
 Concen: 0.125 ug/L
 RT: 10.099 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU052510.D
 Acq: 22 Dec 2022 22:52

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:106 Resp: 2371
 Ion Ratio Lower Upper
 106 100
 91 213.3 153.2 284.4

