

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052557.D
 Acq On : 27 Dec 2022 12:21
 Operator : JC/MD
 Sample : N6169-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQA1

Quant Time: Dec 28 01:20:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 28 01:18:16 2022
 Response via : Initial Calibration

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

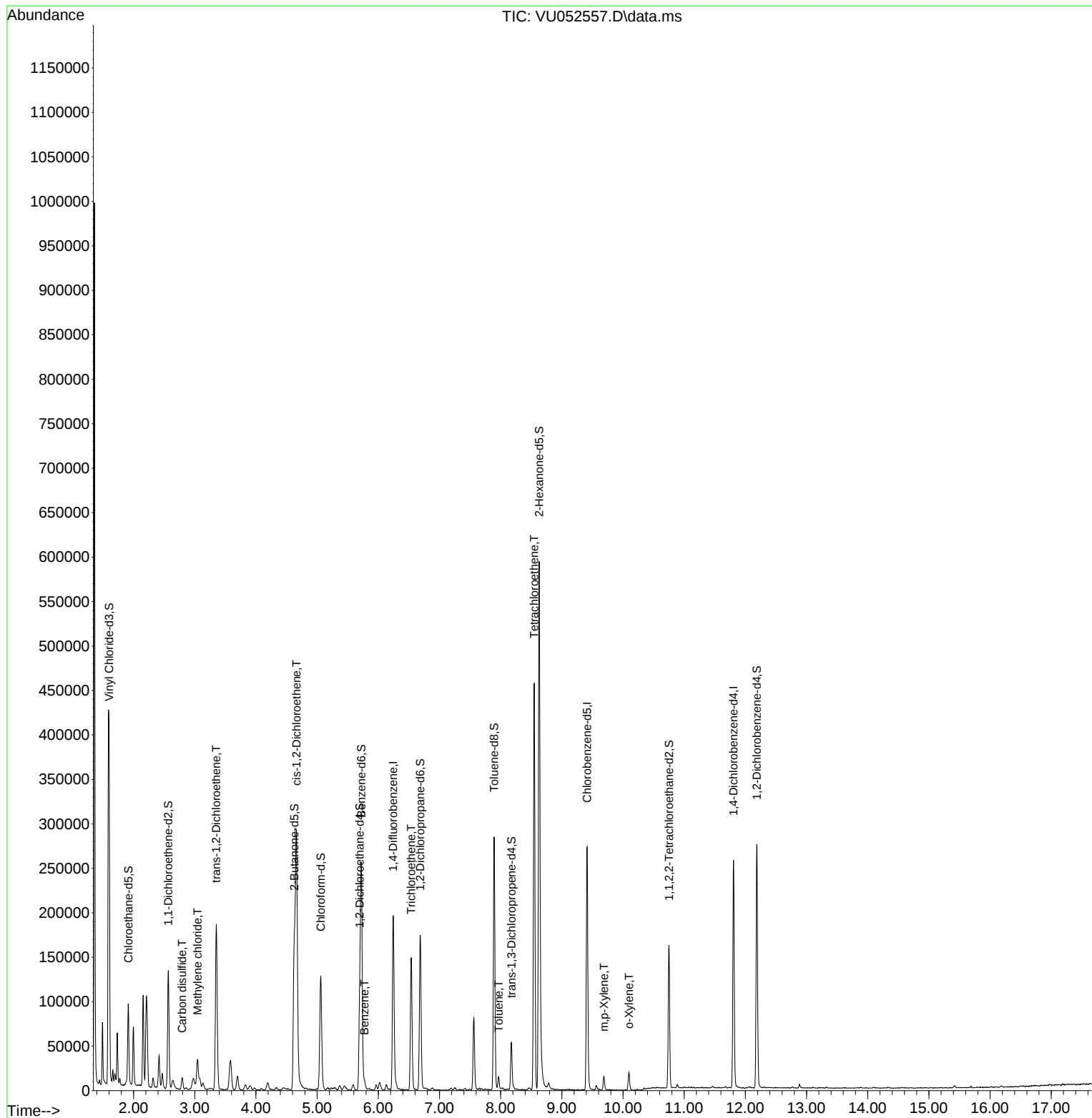
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	152163	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	146140	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	62951	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	55277	3.586	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.916	69	54175	4.075	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.568	65	25643	3.866	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	4.626	46	284267	59.464	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.920%
24) Chloroform-d	5.060	84	117853	4.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.697	65	74059	4.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.723	84	235184	4.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.684	67	85116	4.935	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.893	98	182263	4.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	8.176	79	29814	5.048	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.629	63	200001	61.897	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.800%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	81244	5.548	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	67865	5.295	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.794	76	16910	0.461	ug/L	99
16) Methylene chloride	3.044	84	14784	0.918	ug/L	94
18) trans-1,2-Dichloroethene	3.350	96	70426	5.996	ug/L	98
22) cis-1,2-Dichloroethene	4.662	96	125500	9.737	ug/L	96
33) Benzene	5.774	78	8824	0.168	ug/L	100
34) Trichloroethene	6.536	95	51473	4.183	ug/L	97
42) Toluene	7.967	91	9748	0.193	ug/L	94
47) Tetrachloroethene	8.549	164	96606	11.247	ug/L	98
53) m,p-Xylene	9.687	106	4343	0.225	ug/L	89
54) o-Xylene	10.099	106	5056	0.274	ug/L	99

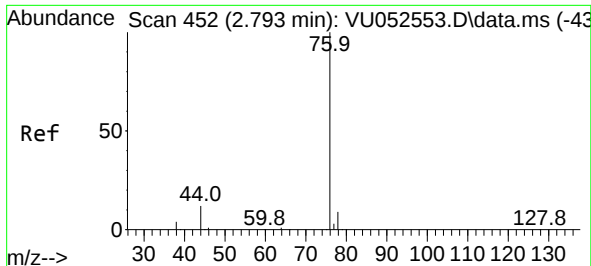
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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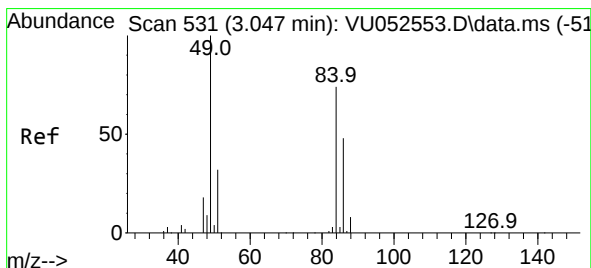
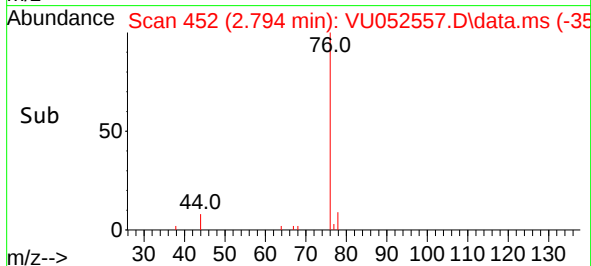
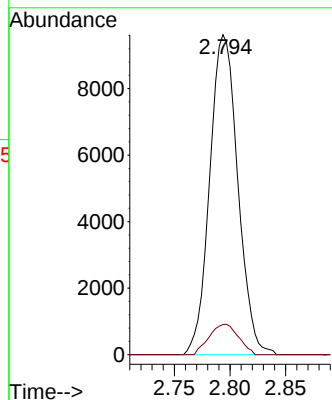
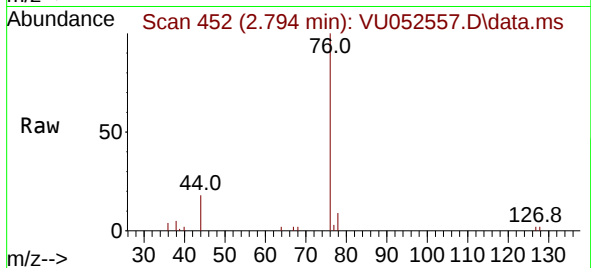




#14
Carbon disulfide
Concen: 0.461 ug/L
RT: 2.794 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU052557.D
Acq: 27 Dec 2022 12:21

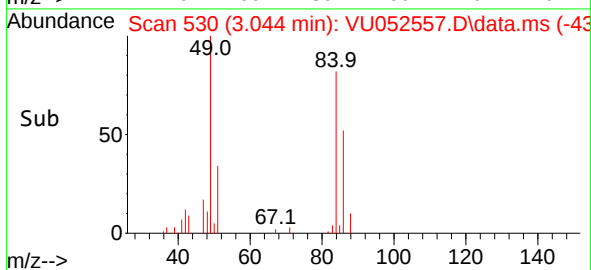
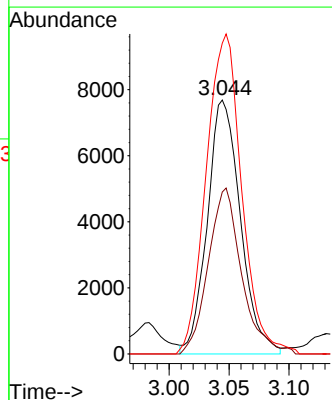
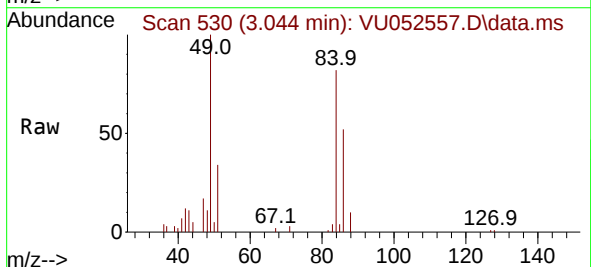
Instrument :
MSVOA_U
ClientSampleId :
GBQA1

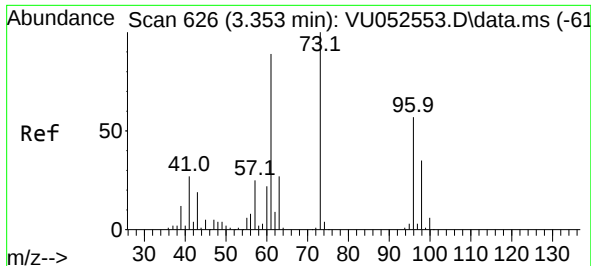
Tgt Ion: 76 Resp: 16910
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#16
Methylene chloride
Concen: 0.918 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU052557.D
Acq: 27 Dec 2022 12:21

Tgt Ion: 84 Resp: 14784
Ion Ratio Lower Upper
84 100
86 63.8 44.7 83.1
49 122.4 93.3 173.3

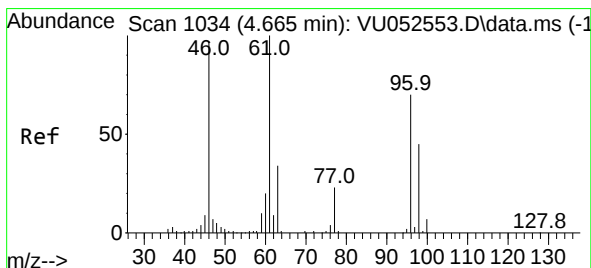
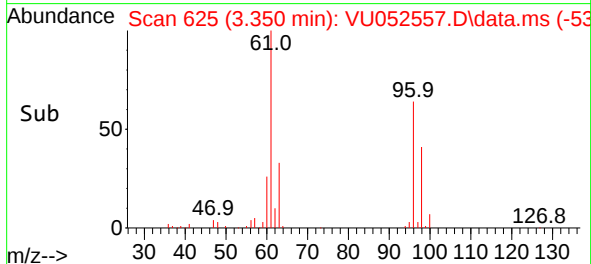
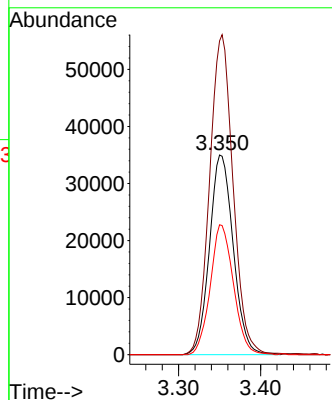
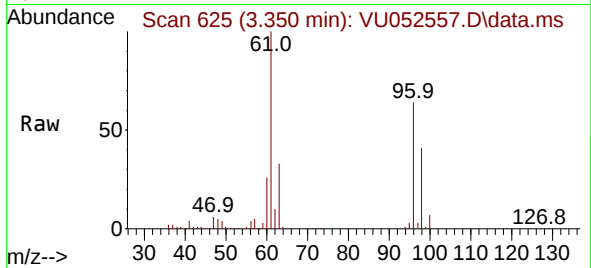




#18
trans-1,2-Dichloroethene
Concen: 5.996 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU052557.D
Acq: 27 Dec 2022 12:21

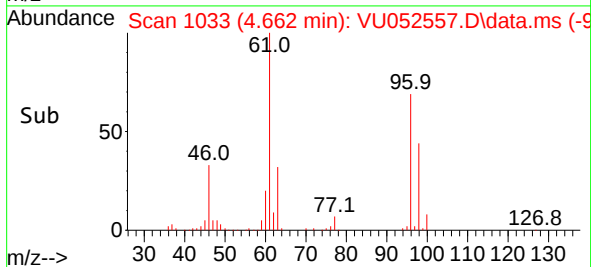
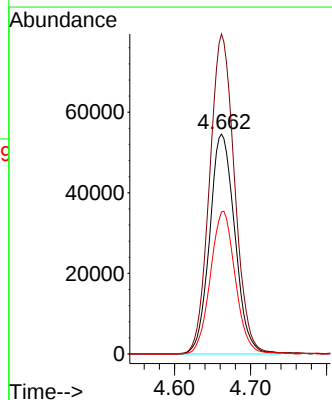
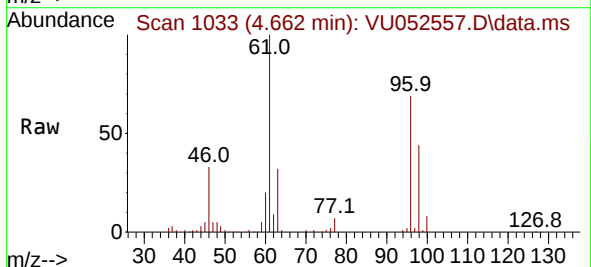
Instrument :
MSVOA_U
ClientSampleId :
GBQA1

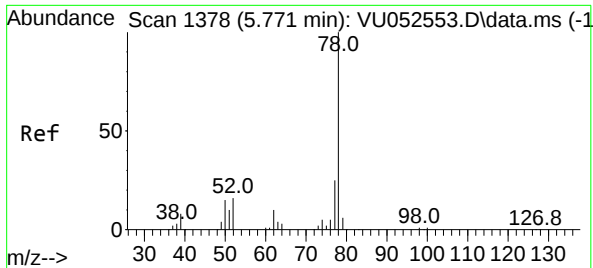
Tgt Ion: 96 Resp: 70426
Ion Ratio Lower Upper
96 100
61 157.2 108.3 201.1
98 65.1 44.0 81.6



#22
cis-1,2-Dichloroethene
Concen: 9.737 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU052557.D
Acq: 27 Dec 2022 12:21

Tgt Ion: 96 Resp: 125500
Ion Ratio Lower Upper
96 100
61 145.5 96.9 180.1
98 64.6 44.7 83.1

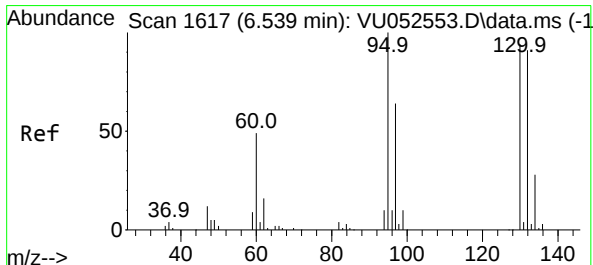
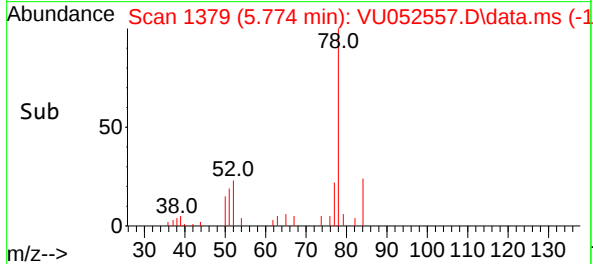
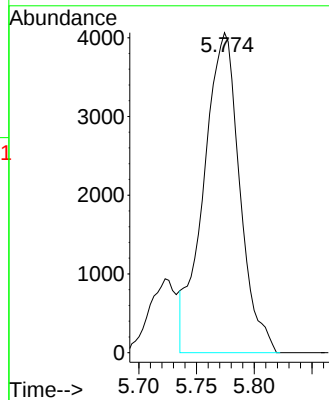
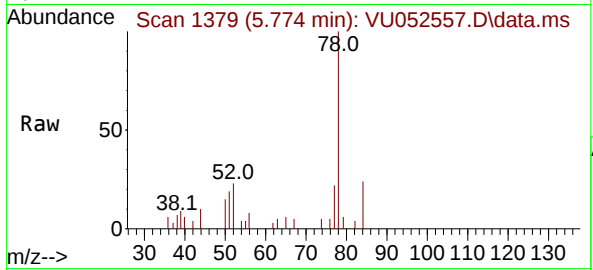




#33
Benzene
Concen: 0.168 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052557.D
Acq: 27 Dec 2022 12:21

Instrument :
MSVOA_U
ClientSampleId :
GBQA1

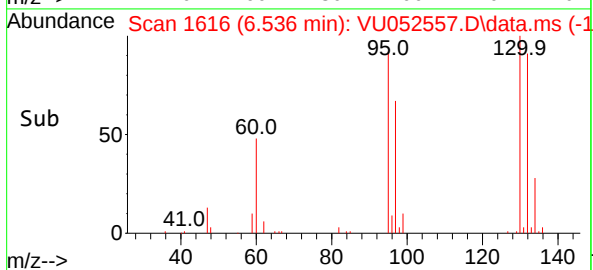
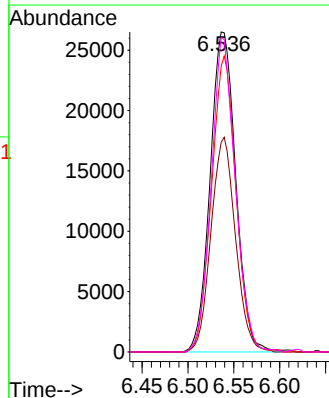
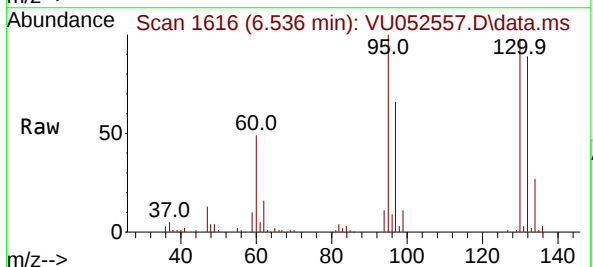
Tgt Ion: 78 Resp: 8824

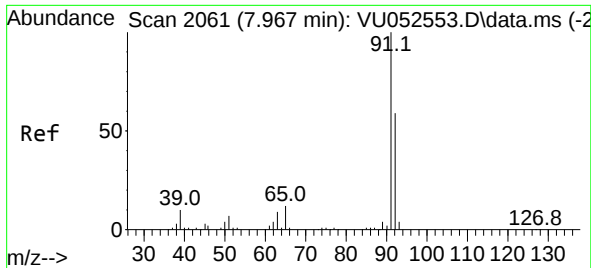


#34
Trichloroethene
Concen: 4.183 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU052557.D
Acq: 27 Dec 2022 12:21

Tgt Ion: 95 Resp: 51473

Ion	Ratio	Lower	Upper
95	100		
97	65.5	46.3	86.1
132	89.2	63.9	118.7
130	98.3	65.9	122.5





#42

Toluene

Concen: 0.193 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052557.D

Acq: 27 Dec 2022 12:21

Instrument :

MSVOA_U

ClientSampleId :

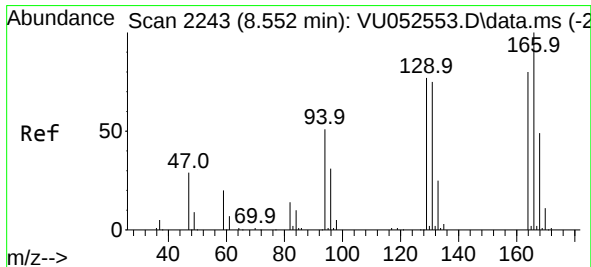
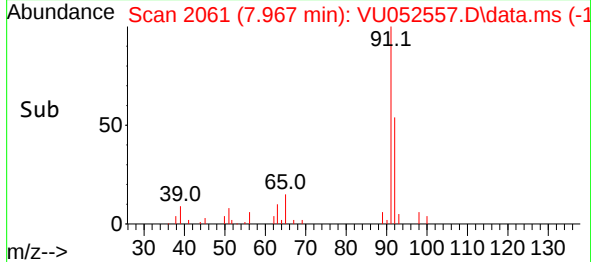
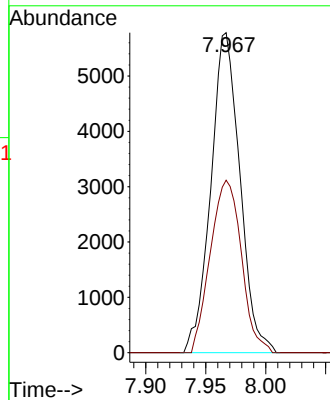
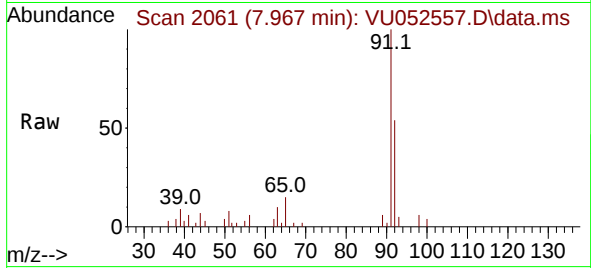
GBQA1

Tgt Ion: 91 Resp: 9748

Ion Ratio Lower Upper

91 100

92 53.9 40.6 75.4



#47

Tetrachloroethene

Concen: 11.247 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.003 min

Lab File: VU052557.D

Acq: 27 Dec 2022 12:21

Tgt Ion: 164 Resp: 96606

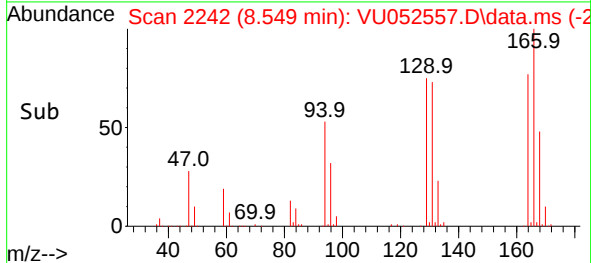
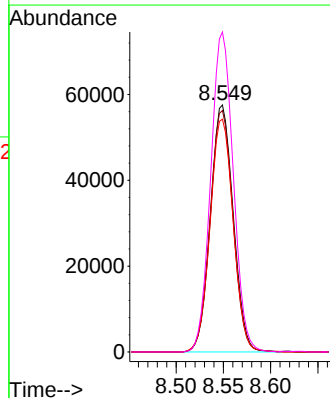
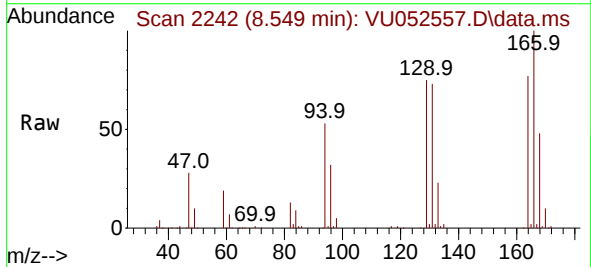
Ion Ratio Lower Upper

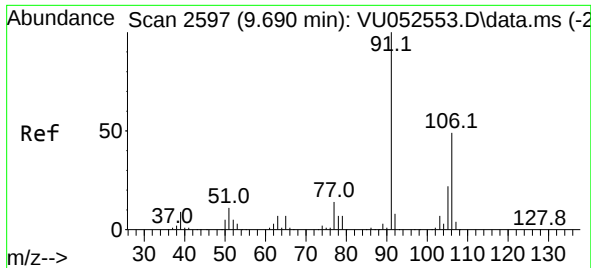
164 100

129 97.7 68.1 126.5

131 94.2 66.5 123.5

166 129.5 87.9 163.3

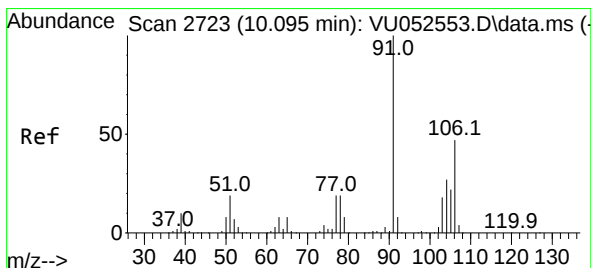
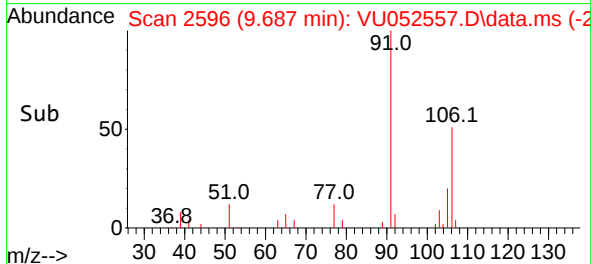
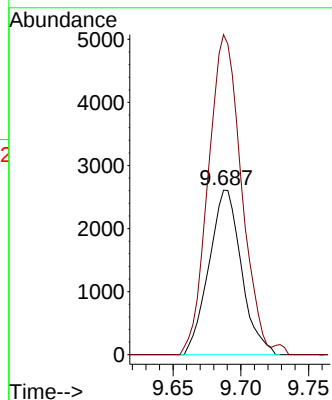
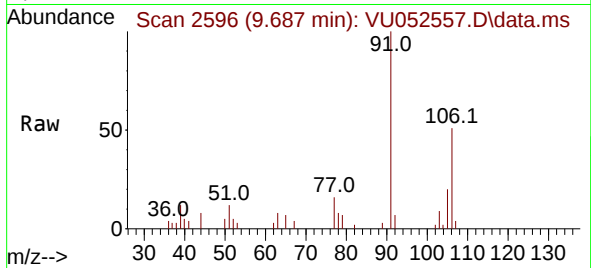




#53
m,p-Xylene
Concen: 0.225 ug/L
RT: 9.687 min Scan# 21
Delta R.T. -0.003 min
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Instrument :
MSVOA_U
ClientSampleId :
GBQA1

Tgt Ion:106 Resp: 4343
Ion Ratio Lower Upper
106 100
91 194.6 148.2 275.2



#54
o-Xylene
Concen: 0.274 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.004 min
Lab File: VU052557.D
Acq: 27 Dec 2022 12:21

Tgt Ion:106 Resp: 5056
Ion Ratio Lower Upper
106 100
91 217.2 153.2 284.4

