

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)

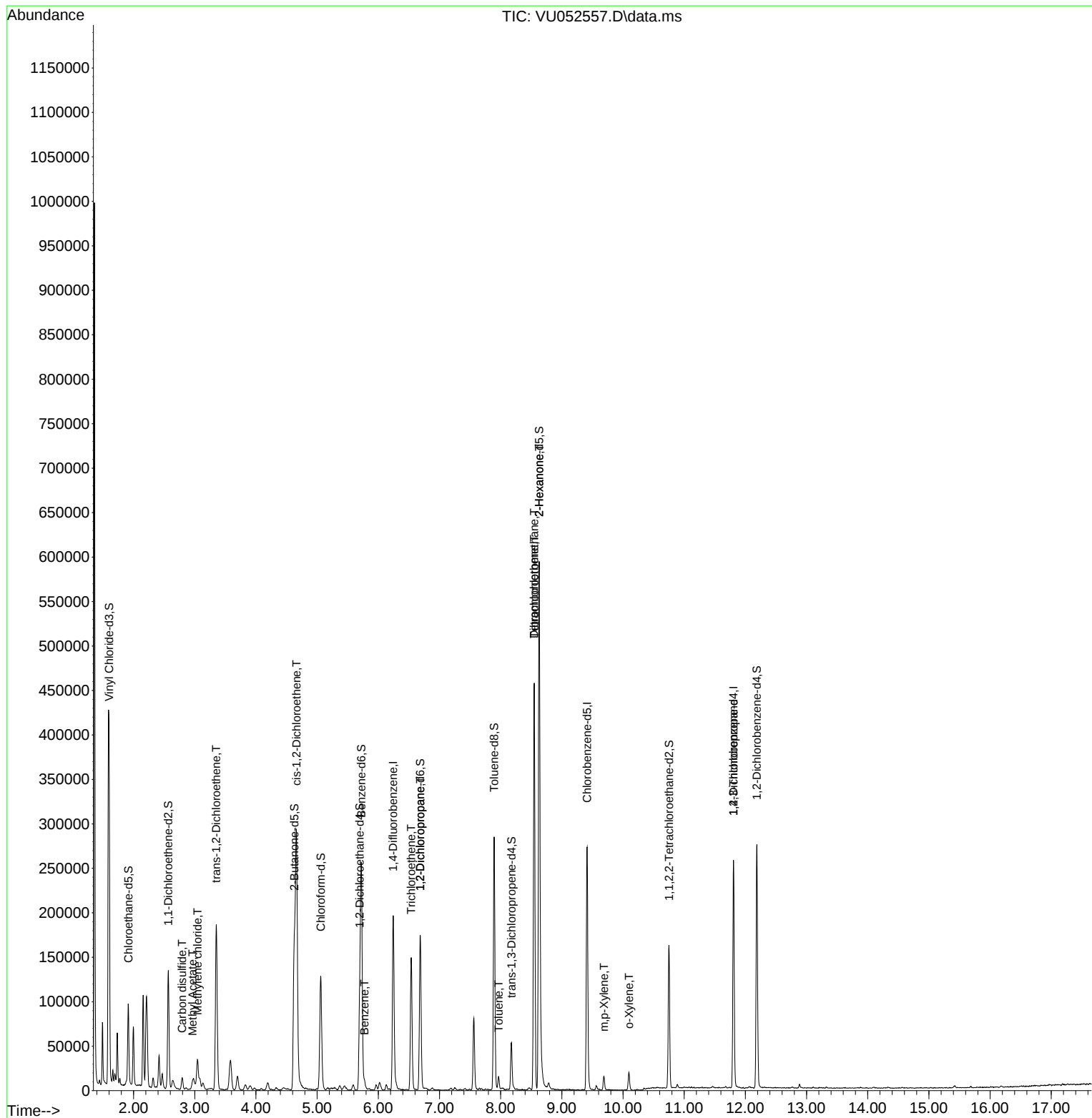
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	152163	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	146140	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	62951	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	55277	3.586	ug/L	0.00
Spiked Amount	5.000	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
15) Methyl Acetate	2.964	43	3721	0.479	ug/L #	55
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
37) 1,2-Dichloropropane	6.684	63	9101	0.620	ug/L #	88
42) Toluene	7.967	91	9748	0.193	ug/L	94
47) Tetrachloroethene	8.549	164	96606	11.247	ug/L	98
48) 2-Hexanone	8.629	43	25112	3.104	ug/L #	76
49) Dibromochloromethane	8.549	129	94689	8.596	ug/L #	11
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
61) 1,2,3-Trichloropropane	11.806	75	9091	1.007	ug/L #	70

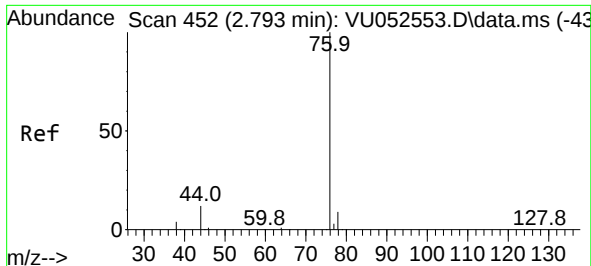
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

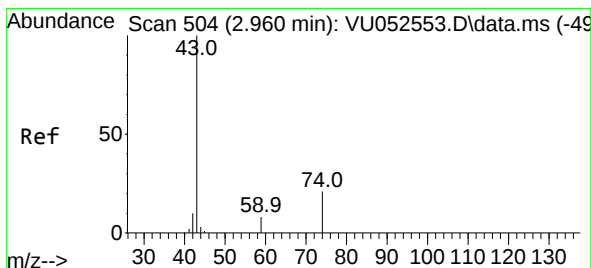
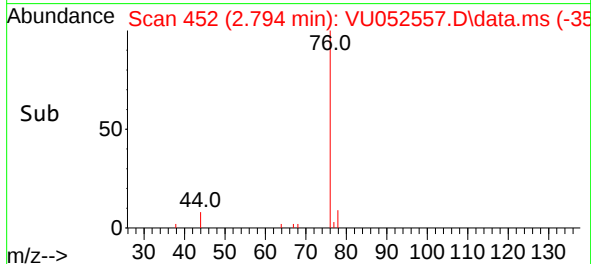
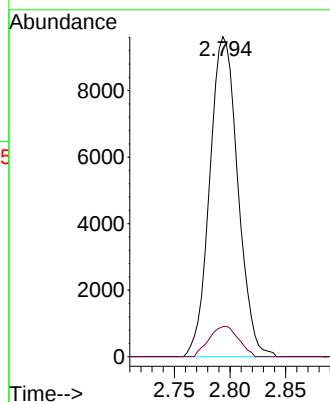
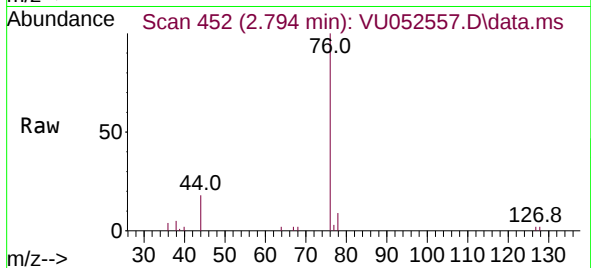




#14
Carbon disulfide
Concen: 0.461 ug/L
RT: 2.794 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU052557.D
Acq: 27 Dec 2022 12:21

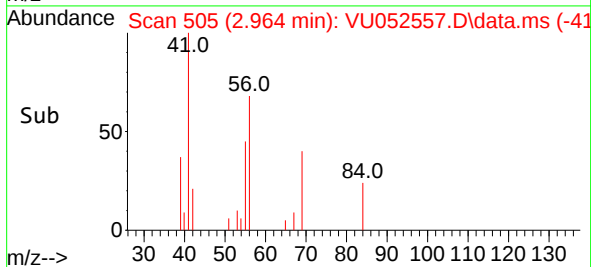
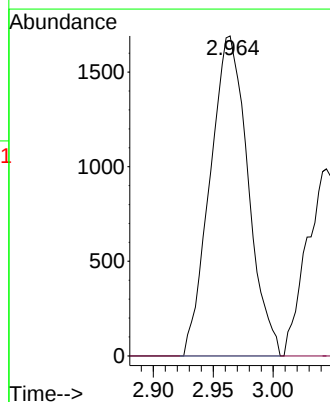
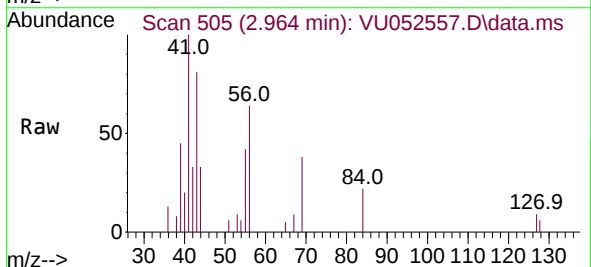
Instrument :
MSVOA_U
ClientSampleId :
GBQA1

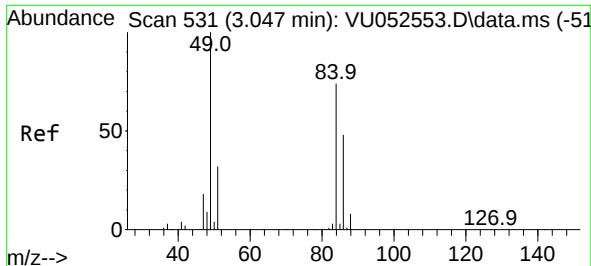
Tgt Ion: 76 Resp: 16910
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#15
Methyl Acetate
Concen: 0.479 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU052557.D
Acq: 27 Dec 2022 12:21

Tgt Ion: 43 Resp: 3721
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#

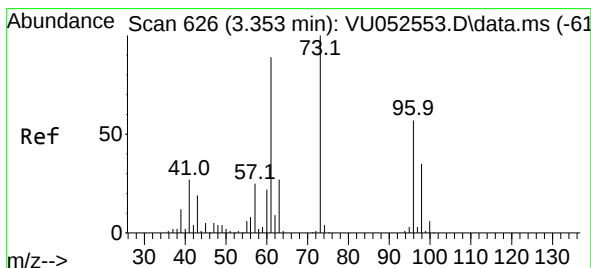
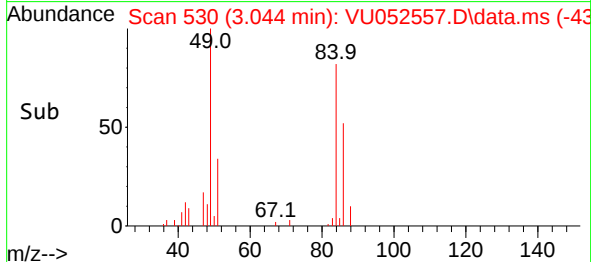
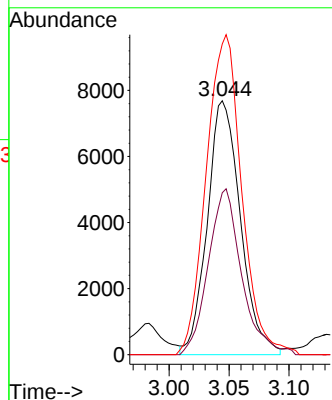
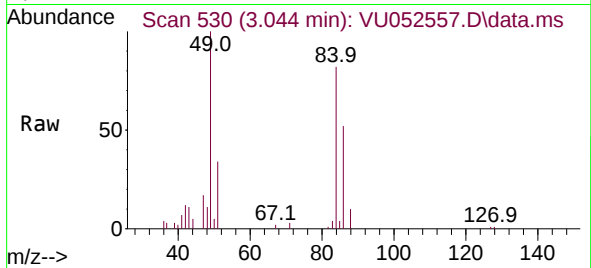




#16
Methylene chloride
Concen: 0.918 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052557.D
Acq: 27 Dec 2022 12:21

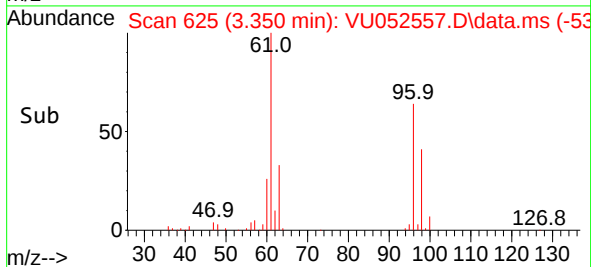
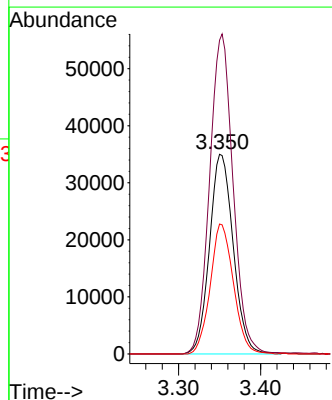
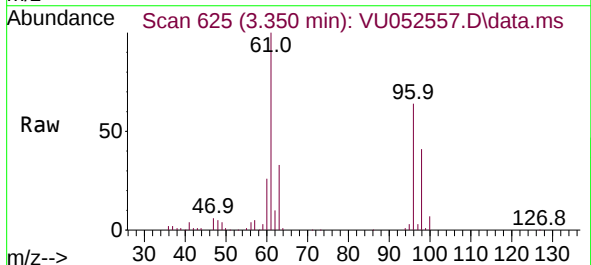
Instrument :
MSVOA_U
ClientSampleId :
GBQA1

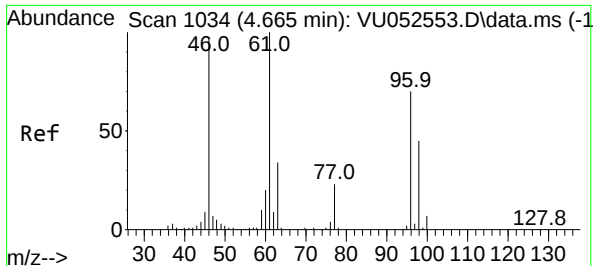
Tgt Ion: 84 Resp: 14784
Ion Ratio Lower Upper
84 100
86 63.8 44.7 83.1
49 122.4 93.3 173.3



#18
trans-1,2-Dichloroethene
Concen: 5.996 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.003 min
Lab File: VU052557.D
Acq: 27 Dec 2022 12:21

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# 1034

Delta R.T. -0.003 min

Lab File: VU052557.D

Acq: 27 Dec 2022 12:21

Instrument :

MSVOA_U

ClientSampleId :

GBQA1

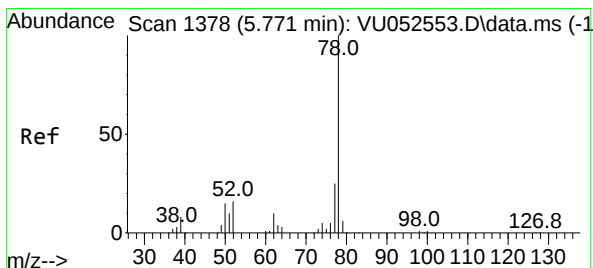
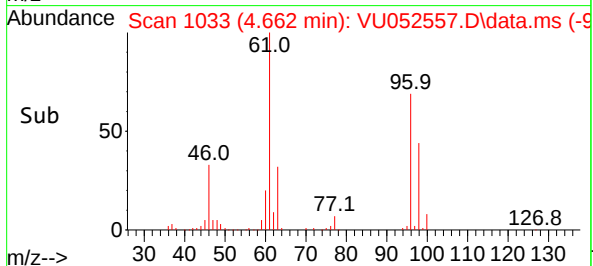
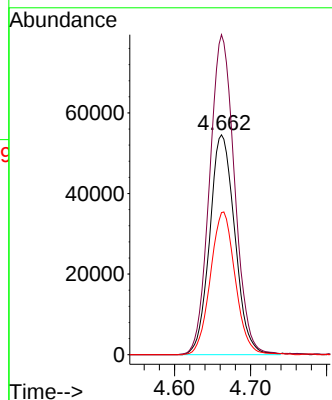
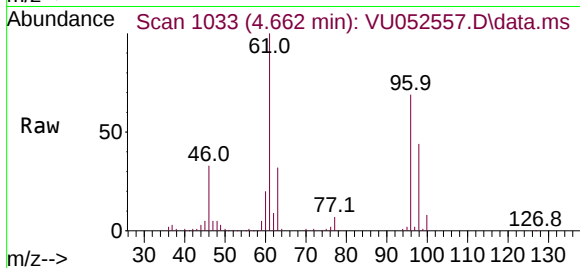
Tgt Ion: 96 Resp: 125500

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

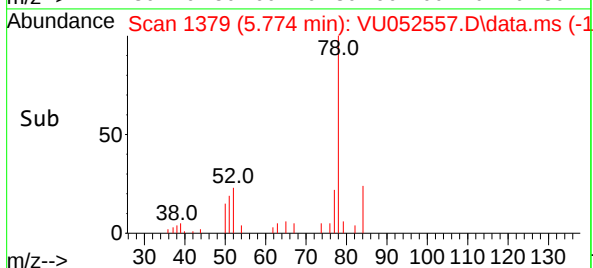
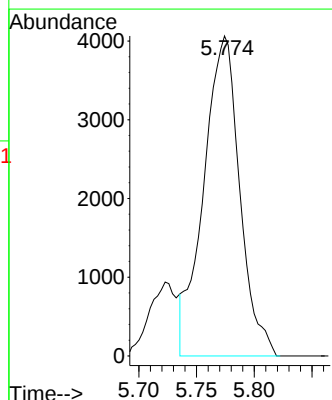
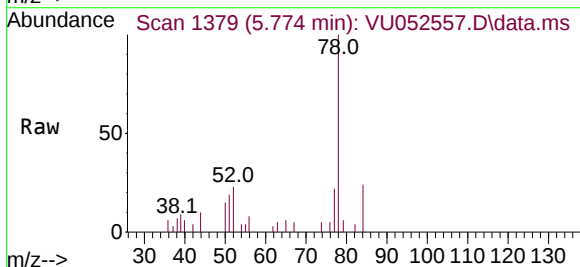
RT: 5.774 min Scan# 1379

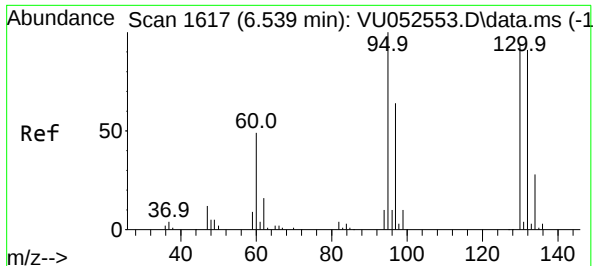
Delta R.T. 0.003 min

Lab File: VU052557.D

Acq: 27 Dec 2022 12:21

Tgt Ion: 78 Resp: 8824

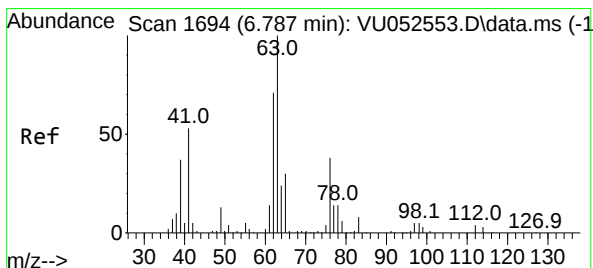
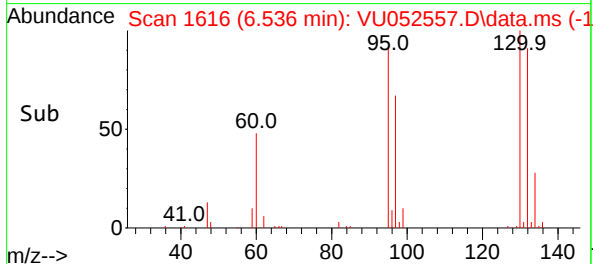
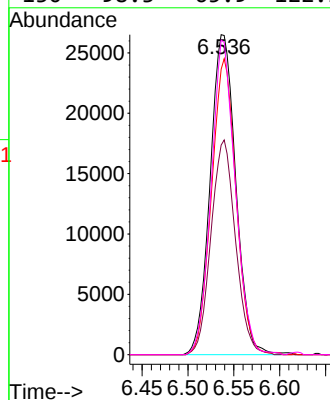
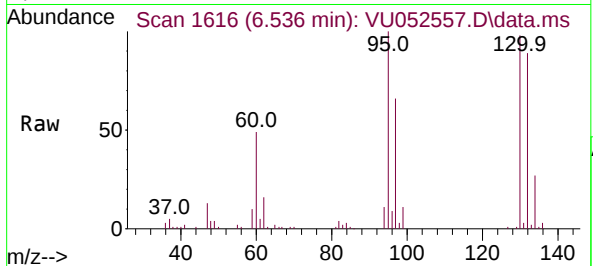




#34
Trichloroethene
Concen: 4.183 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU052557.D
Acq: 27 Dec 2022 12:21

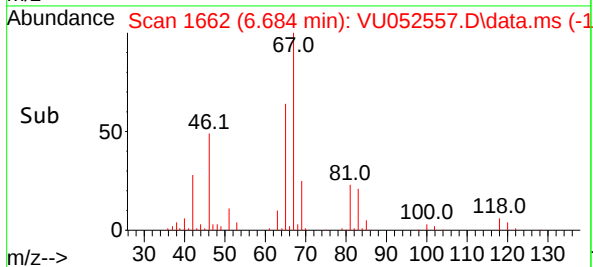
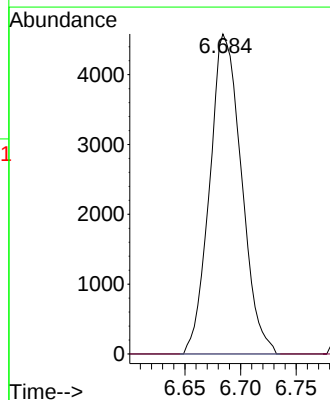
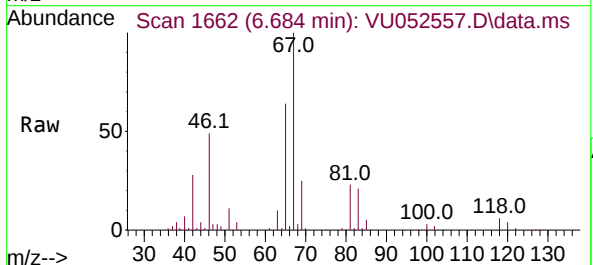
Instrument :
MSVOA_U
ClientSampleId :
GBQA1

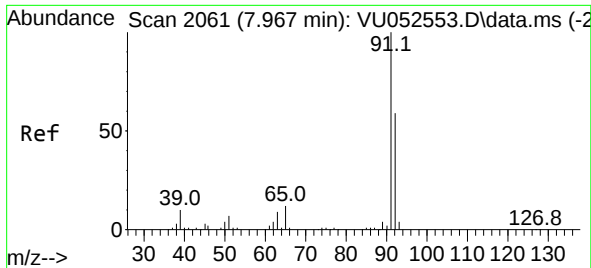
Tgt Ion: 95 Resp: 51473
Ion Ratio Lower Upper
95 100
97 65.5 46.3 86.1
132 89.2 63.9 118.7
130 98.3 65.9 122.5



#37
1,2-Dichloropropane
Concen: 0.620 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU052557.D
Acq: 27 Dec 2022 12:21

Tgt Ion: 63 Resp: 9101
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#





#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 :

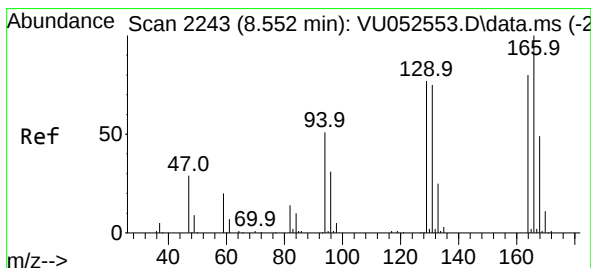
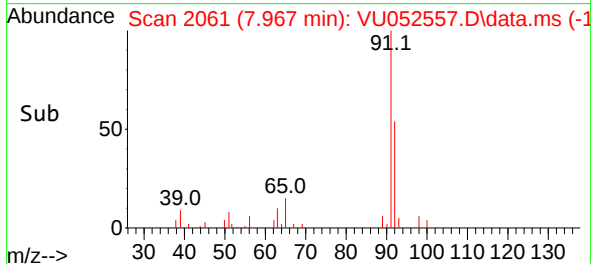
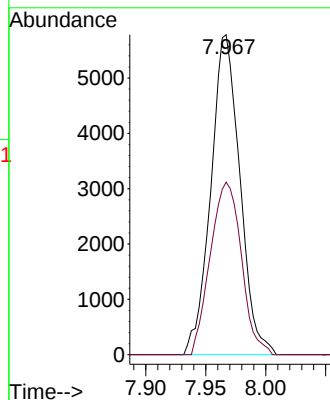
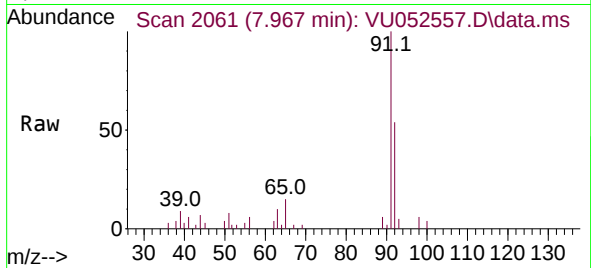
GBQA1

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

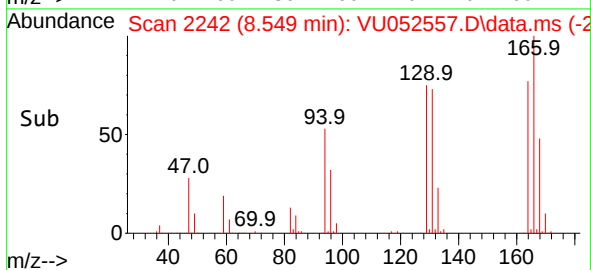
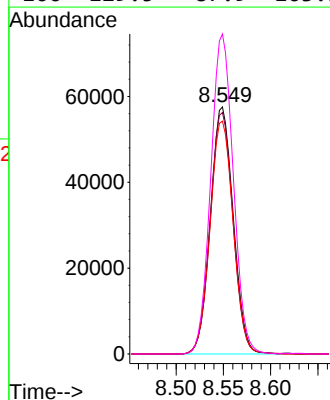
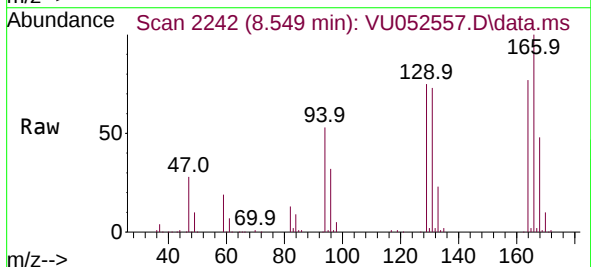
Ion Ratio Lower Upper

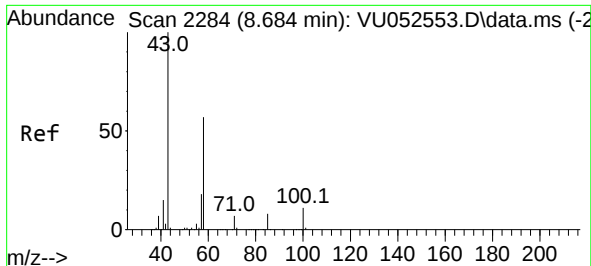
164 100

129 97.7 68.1 126.5

131 94.2 66.5 123.5

166 129.5 87.9 163.3

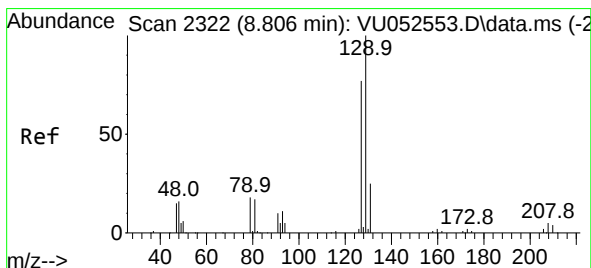
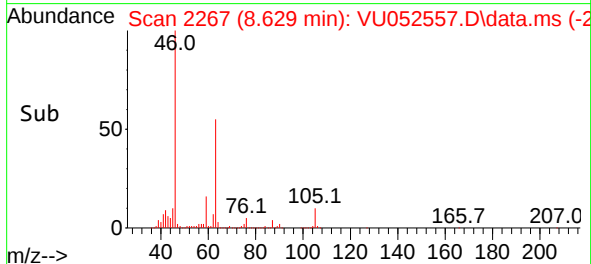
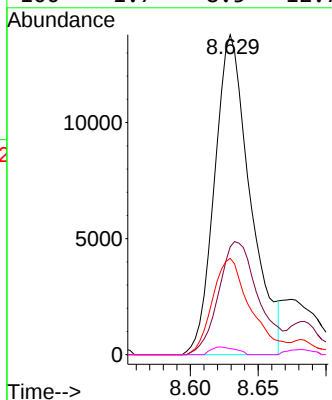
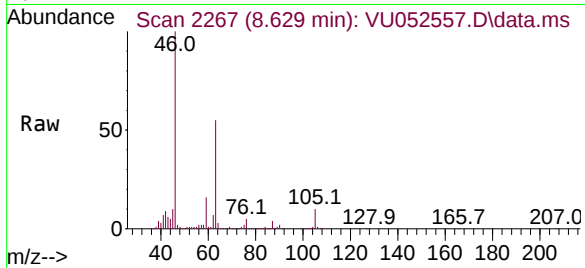




#48
2-Hexanone
Concen: 3.104 ug/L
RT: 8.629 min Scan# 2112
Delta R.T. -0.054 min
Lab File: VU052557.D
Acq: 27 Dec 2022 12:21

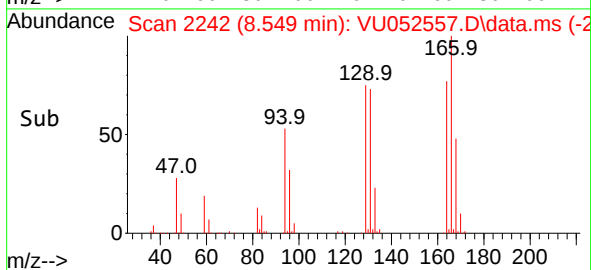
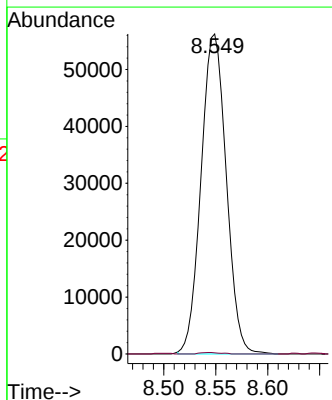
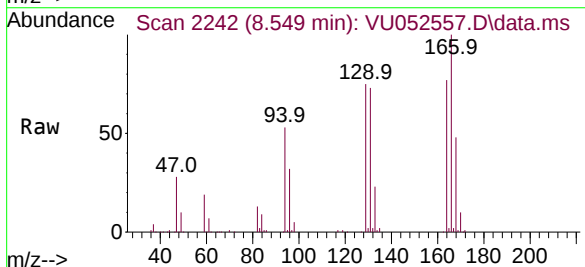
Instrument :
MSVOA_U
ClientSampleId :
GBQA1

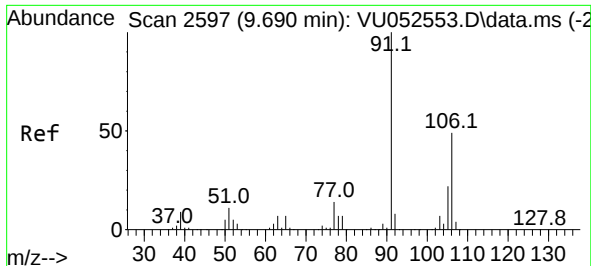
Tgt Ion: 43 Resp: 25112
Ion Ratio Lower Upper
43 100
58 39.8 44.1 66.1#
57 32.5 14.6 21.8#
100 1.7 8.5 12.7#



#49
Dibromochloromethane
Concen: 8.596 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU052557.D
Acq: 27 Dec 2022 12:21

Tgt Ion: 129 Resp: 94689
Ion Ratio Lower Upper
129 100
127 0.4 54.2 100.6#

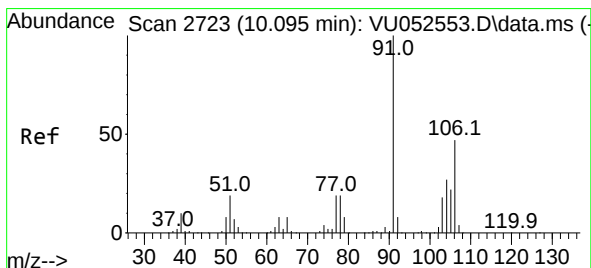
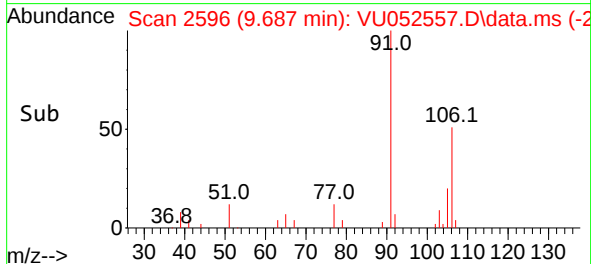
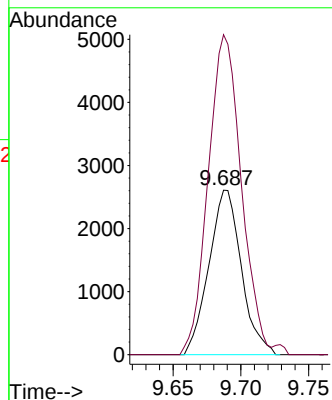
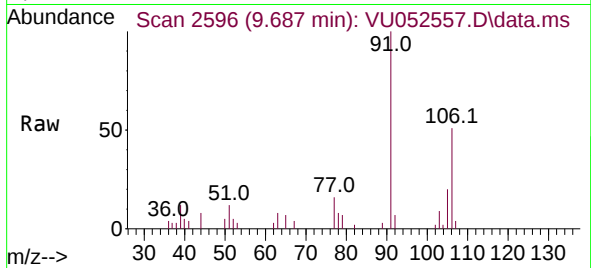




#53
m,p-Xylene
Concen: 0.225 ug/L
RT: 9.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052557.D
Acq: 27 Dec 2022 12:21

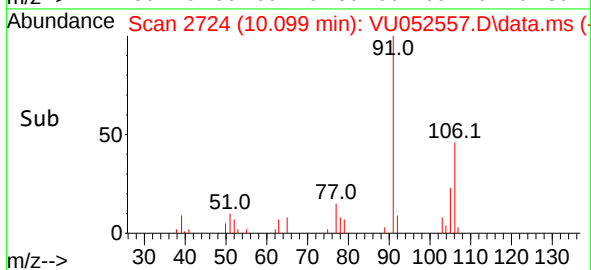
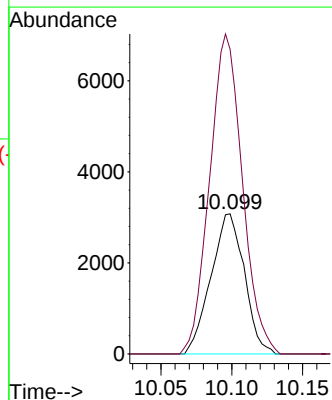
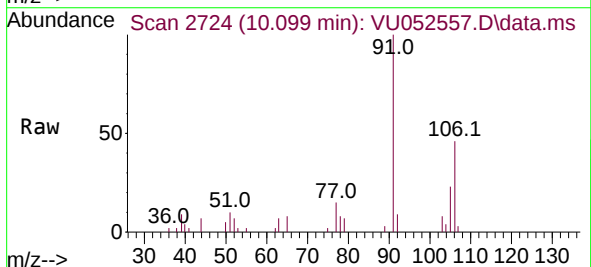
Instrument :
MSVOA_U
ClientSampleId :
GBQA1

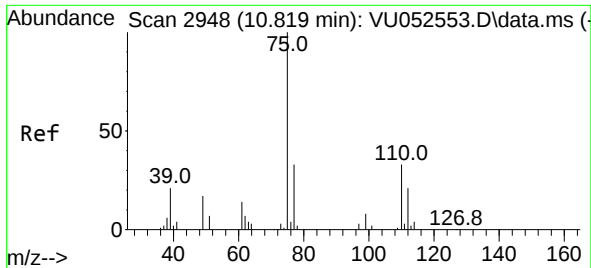
Tgt Ion:106 Resp: 4343
Ion Ratio Lower Upper
106 100
91 194.6 148.2 275.2



#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





#61

1,2,3-Trichloropropane

Concen: 1.007 ug/L

RT: 11.806 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU052557.D

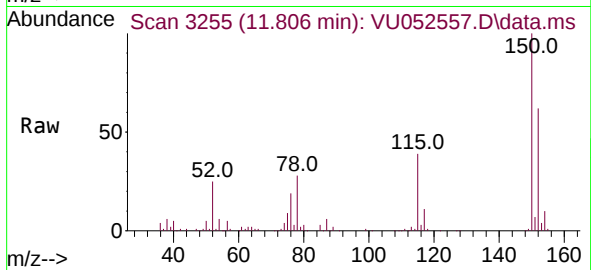
Acq: 27 Dec 2022 12:21

Instrument :

MSVOA_U

ClientSampleId :

GBQA1



Tgt Ion: 75 Resp: 9091

Ion Ratio Lower Upper

75 100

110 2.2 27.9 41.9#

77 31.5 25.9 38.9

