

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052558.D
 Acq On : 27 Dec 2022 12:44
 Operator : JC/MD
 Sample : N6169-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQA2

Quant Time: Dec 28 01:20:14 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)

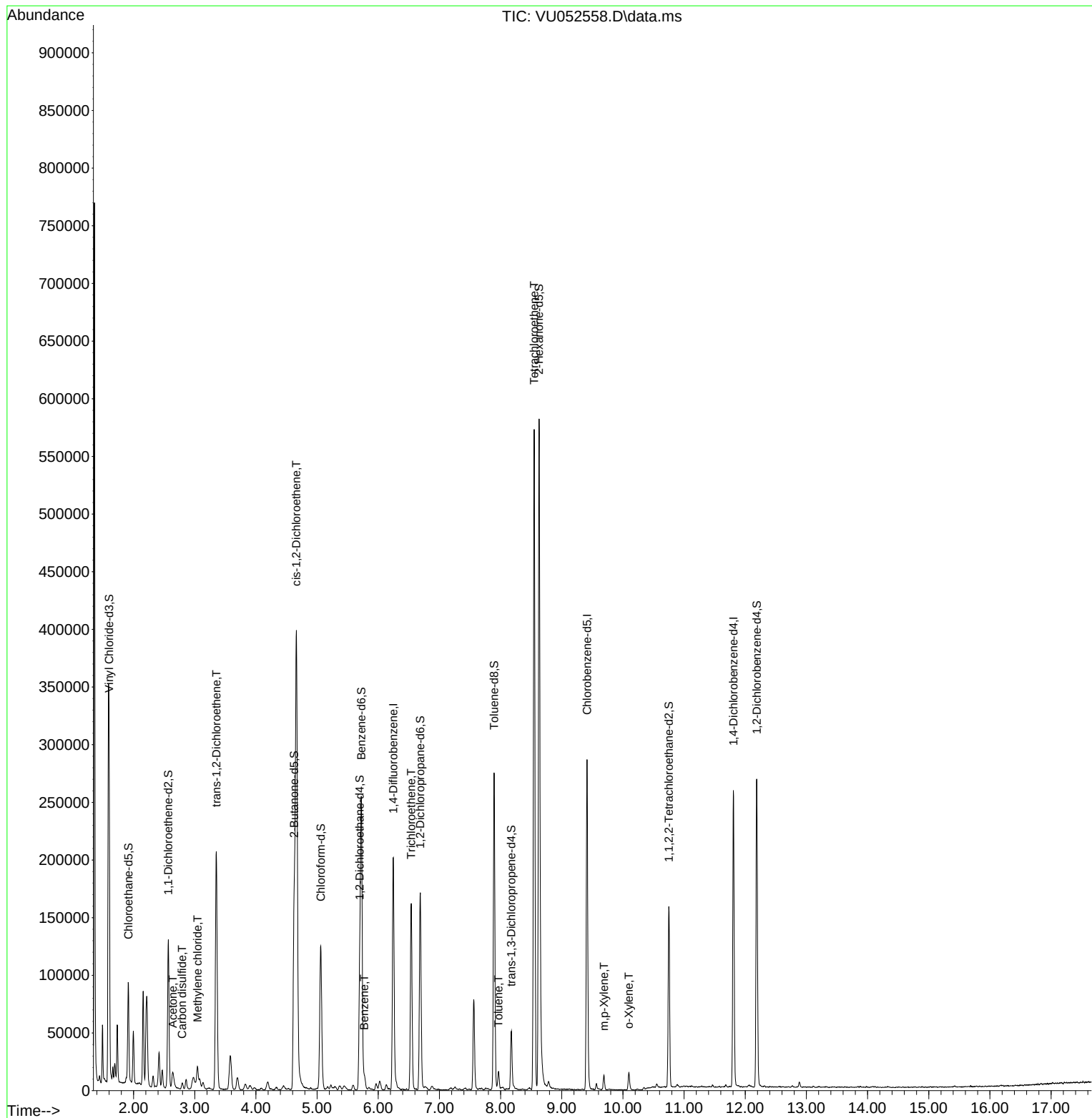
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	155847	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	151058	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	64890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	53306	3.376	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.916	69	54159	3.977	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.568	65	25808	3.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	4.626	46	281871	57.569	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.140%
24) Chloroform-d	5.060	84	117149	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.697	65	70941	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.726	84	227665	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.687	67	84666	4.749	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.896	98	177926	4.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.176	79	28806	4.719	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.629	63	197860	59.241	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.480%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	79457	5.249	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	67601	5.117	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						Qvalue
13) Acetone	2.642	43	19743	5.470	ug/L	92
14) Carbon disulfide	2.793	76	5604	0.149	ug/L	100
16) Methylene chloride	3.044	84	7372	0.447	ug/L	96
18) trans-1,2-Dichloroethene	3.353	96	78622	6.536	ug/L	95
22) cis-1,2-Dichloroethene	4.661	96	178814	13.545	ug/L	98
33) Benzene	5.771	78	9887	0.182	ug/L	100
34) Trichloroethene	6.539	95	54412	4.278	ug/L	99
42) Toluene	7.963	91	9844	0.189	ug/L	98
47) Tetrachloroethene	8.549	164	123258	13.882	ug/L	99
53) m,p-Xylene	9.690	106	3416	0.172	ug/L	94
54) o-Xylene	10.095	106	3838	0.201	ug/L	95

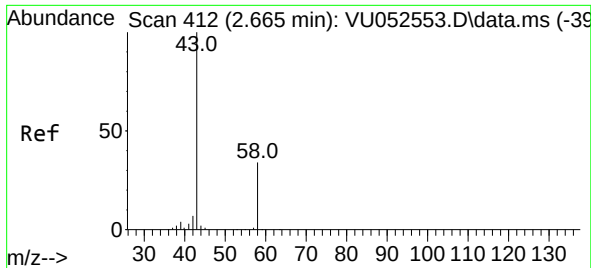
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.470 ug/L

RT: 2.642 min Scan# 405

Delta R.T. -0.023 min

Lab File: VU052558.D

Acq: 27 Dec 2022 12:44

Instrument :

MSVOA_U

ClientSampleId :

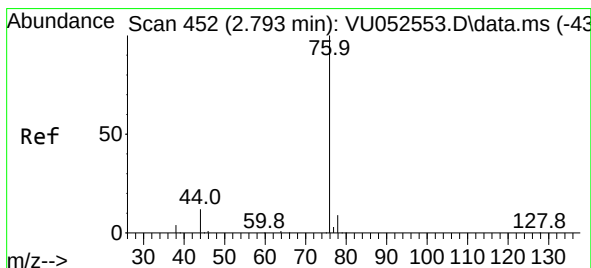
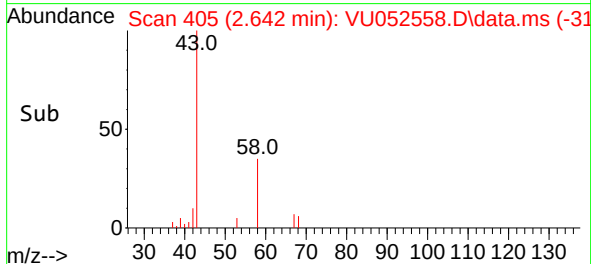
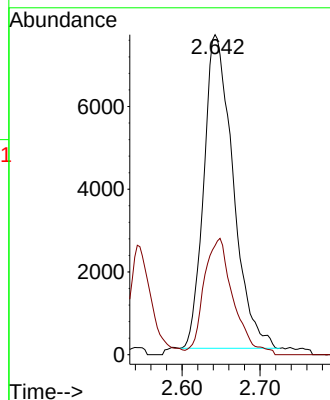
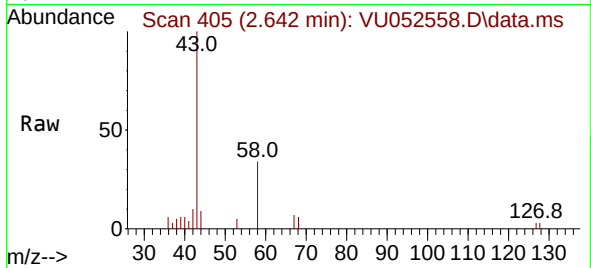
GBQA2

Tgt Ion: 43 Resp: 19743

Ion Ratio Lower Upper

43 100

58 37.3 0.0 65.4



#14

Carbon disulfide

Concen: 0.149 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU052558.D

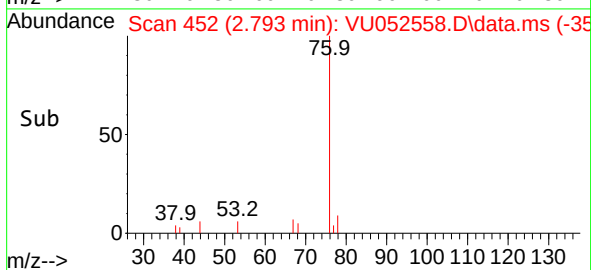
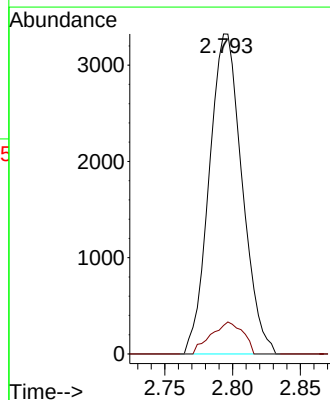
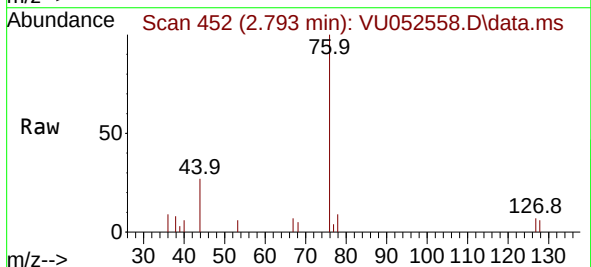
Acq: 27 Dec 2022 12:44

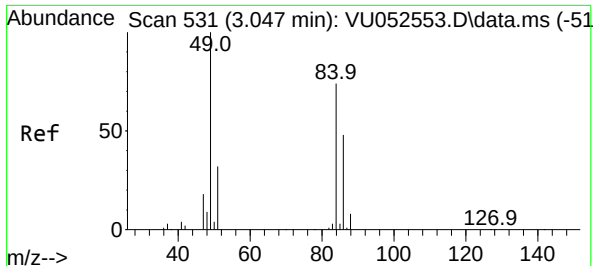
Tgt Ion: 76 Resp: 5604

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

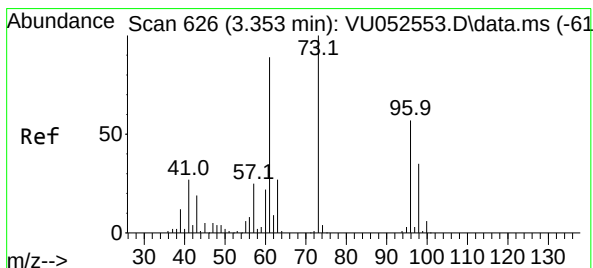
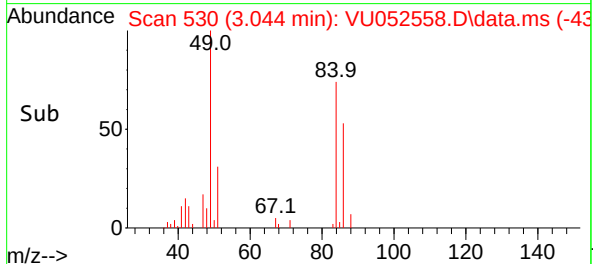
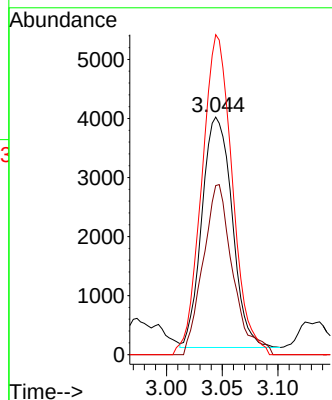
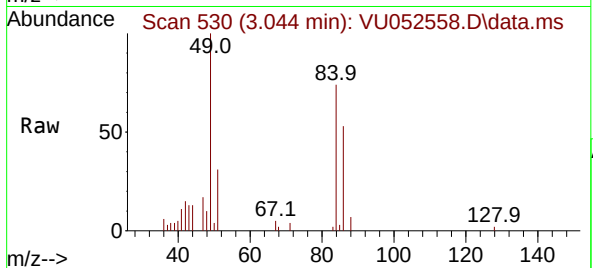




#16
Methylene chloride
Concen: 0.447 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052558.D
Acq: 27 Dec 2022 12:44

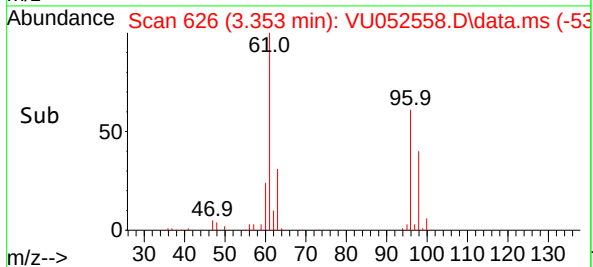
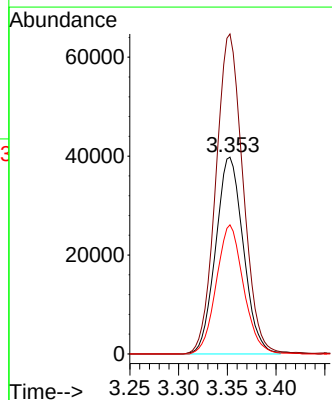
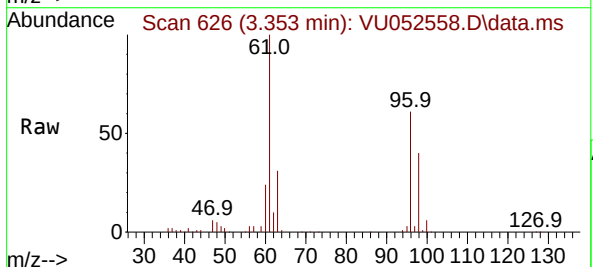
Instrument :
MSVOA_U
ClientSampleId :
GBQA2

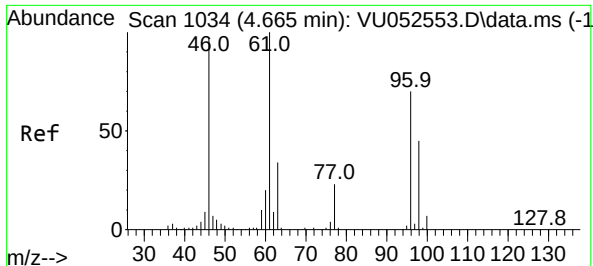
Tgt Ion: 84 Resp: 7372
Ion Ratio Lower Upper
84 100
86 71.2 44.7 83.1
49 134.7 93.3 173.3



#18
trans-1,2-Dichloroethene
Concen: 6.536 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU052558.D
Acq: 27 Dec 2022 12:44

Tgt Ion: 96 Resp: 78622
Ion Ratio Lower Upper
96 100
61 162.6 108.3 201.1
98 65.7 44.0 81.6





#22

cis-1,2-Dichloroethene

Concen: 13.545 ug/L

RT: 4.661 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU052558.D

Acq: 27 Dec 2022 12:44

Instrument :

MSVOA_U

ClientSampleId :

GBQA2

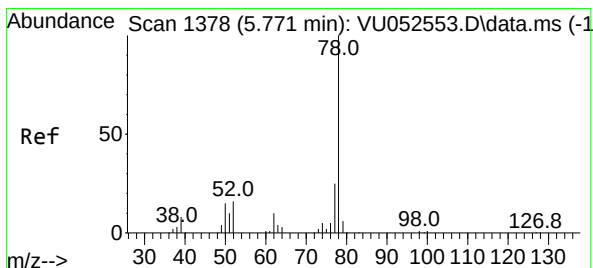
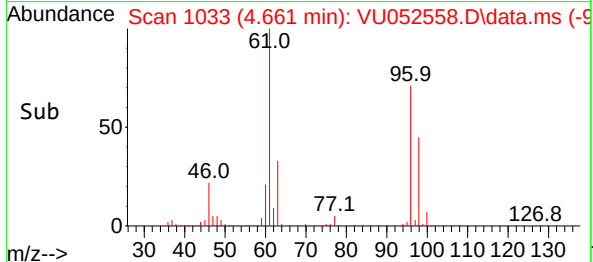
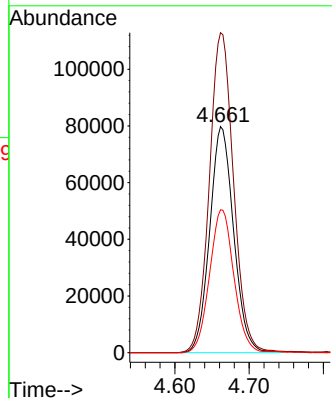
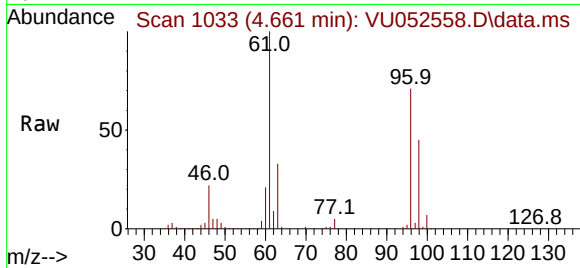
Tgt Ion: 96 Resp: 178814

Ion Ratio Lower Upper

96 100

61 141.5 96.9 180.1

98 63.2 44.7 83.1



#33

Benzene

Concen: 0.182 ug/L

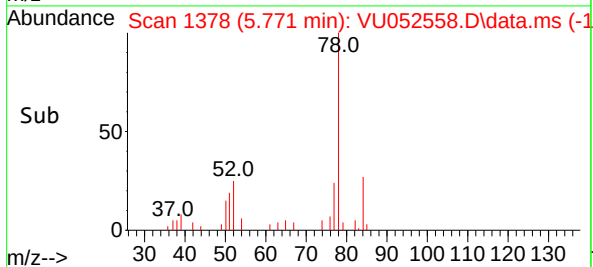
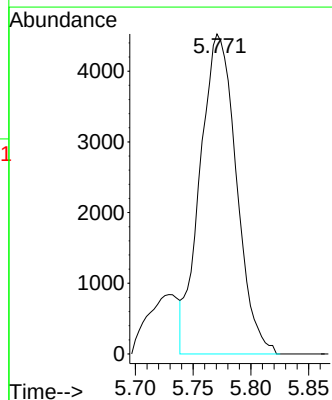
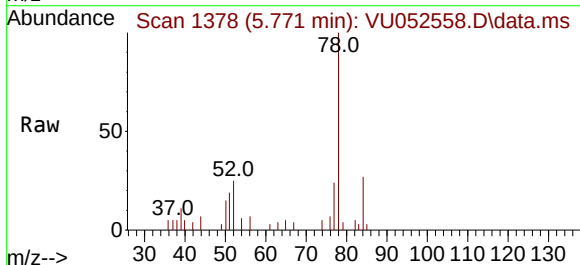
RT: 5.771 min Scan# 1378

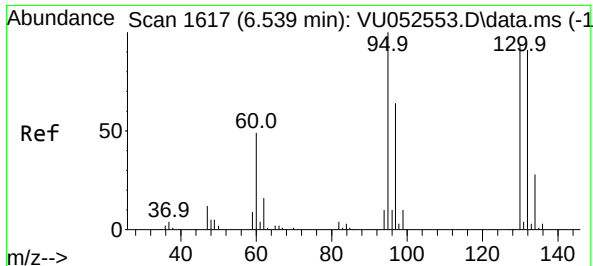
Delta R.T. -0.000 min

Lab File: VU052558.D

Acq: 27 Dec 2022 12:44

Tgt Ion: 78 Resp: 9887

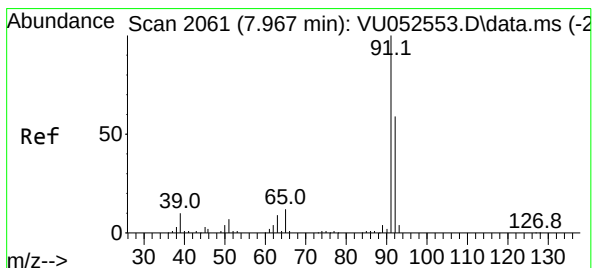
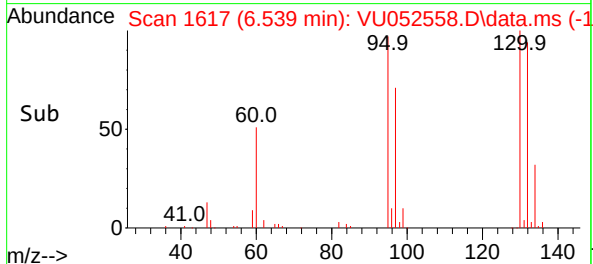
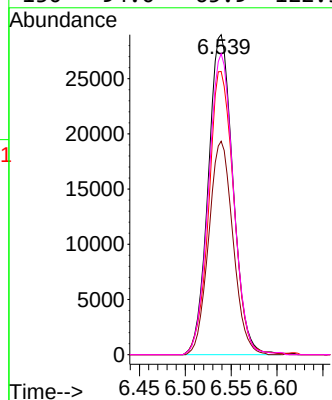
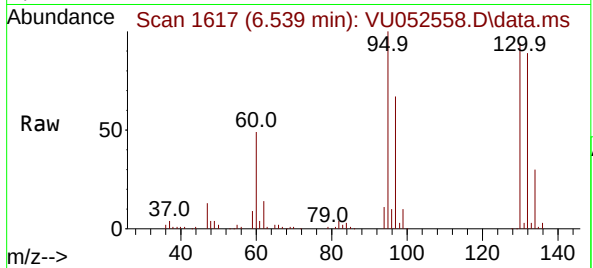




#34
Trichloroethene
Concen: 4.278 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052558.D
Acq: 27 Dec 2022 12:44

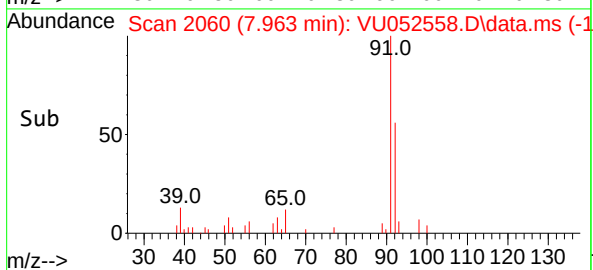
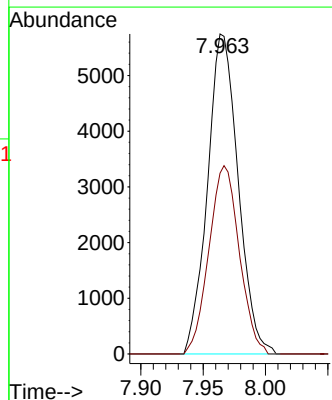
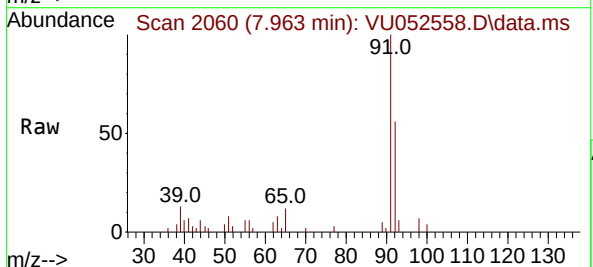
Instrument :
MSVOA_U
ClientSampleId :
GBQA2

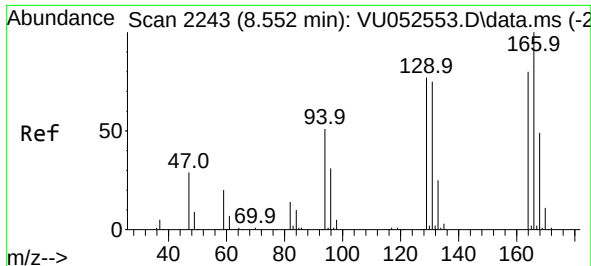
Tgt Ion: 95 Resp: 54412
Ion Ratio Lower Upper
95 100
97 66.7 46.3 86.1
132 88.5 63.9 118.7
130 94.0 65.9 122.5



#42
Toluene
Concen: 0.189 ug/L
RT: 7.963 min Scan# 2060
Delta R.T. -0.003 min
Lab File: VU052558.D
Acq: 27 Dec 2022 12:44

Tgt Ion: 91 Resp: 9844
Ion Ratio Lower Upper
91 100
92 56.5 40.6 75.4





#47

Tetrachloroethene

Concen: 13.882 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU052558.D

Acq: 27 Dec 2022 12:44

Instrument :

MSVOA_U

ClientSampleId :

GBQA2

Tgt Ion:164 Resp: 123258

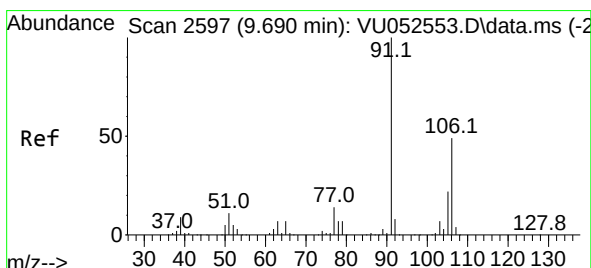
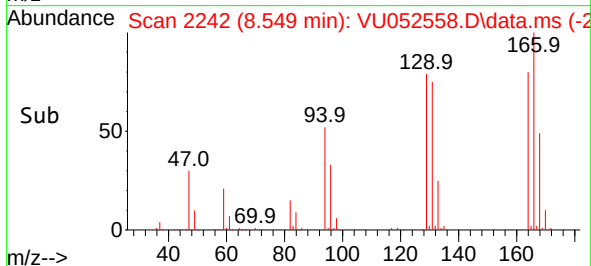
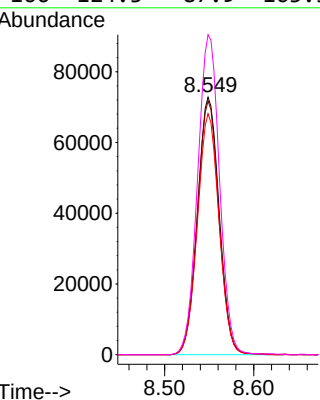
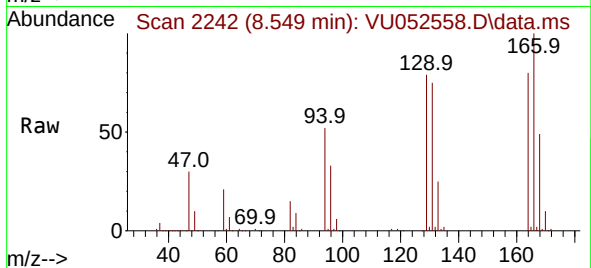
Ion Ratio Lower Upper

164 100

129 98.5 68.1 126.5

131 93.6 66.5 123.5

166 124.3 87.9 163.3



#53

m,p-Xylene

Concen: 0.172 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. -0.000 min

Lab File: VU052558.D

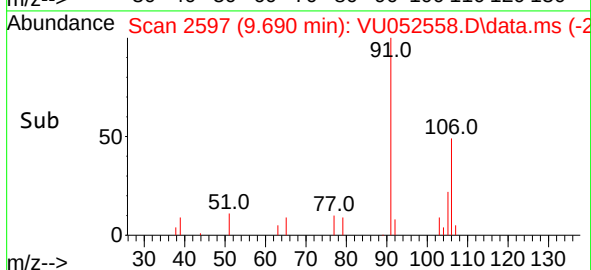
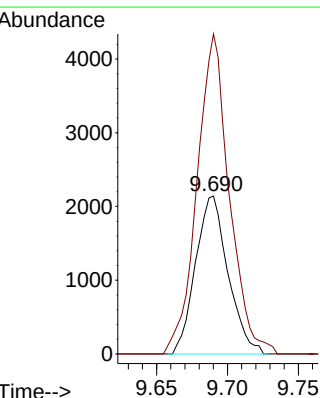
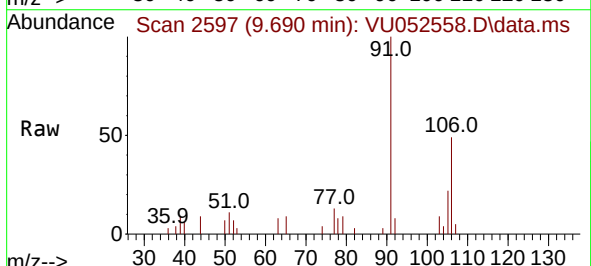
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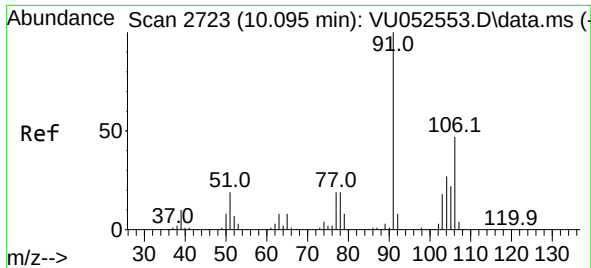
Tgt Ion:106 Resp: 3416

Ion Ratio Lower Upper

106 100

91 202.7 148.2 275.2





#54

o-Xylene

Concen: 0.201 ug/L

RT: 10.095 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052558.D

Acq: 27 Dec 2022 12:44

Instrument :

MSVOA_U

ClientSampleId :

GBQA2

Tgt Ion:106 Resp: 3838

Ion Ratio Lower Upper

106 100

91 210.1 153.2 284.4

