

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
15) Methyl Acetate	2.960	43	3336	0.420	ug/L #	55
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
37) 1,2-Dichloropropane	6.687	63	8574	0.565	ug/L #	88
42) Toluene	7.963	91	9844	0.189	ug/L	98
45) 1,1,2-Trichloroethane	8.549	97	1091	0.101	ug/L #	1
47) Tetrachloroethene	8.549	164	123258	13.882	ug/L	99
48) 2-Hexanone	8.629	43	25452	3.043	ug/L #	76
49) Dibromochloromethane	8.549	129	121457	10.667	ug/L #	11
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
61) 1,2,3-Trichloropropane	11.806	75	9476	1.018	ug/L #	69

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 28 01:18:16 2022
Response via : Initial Calibration

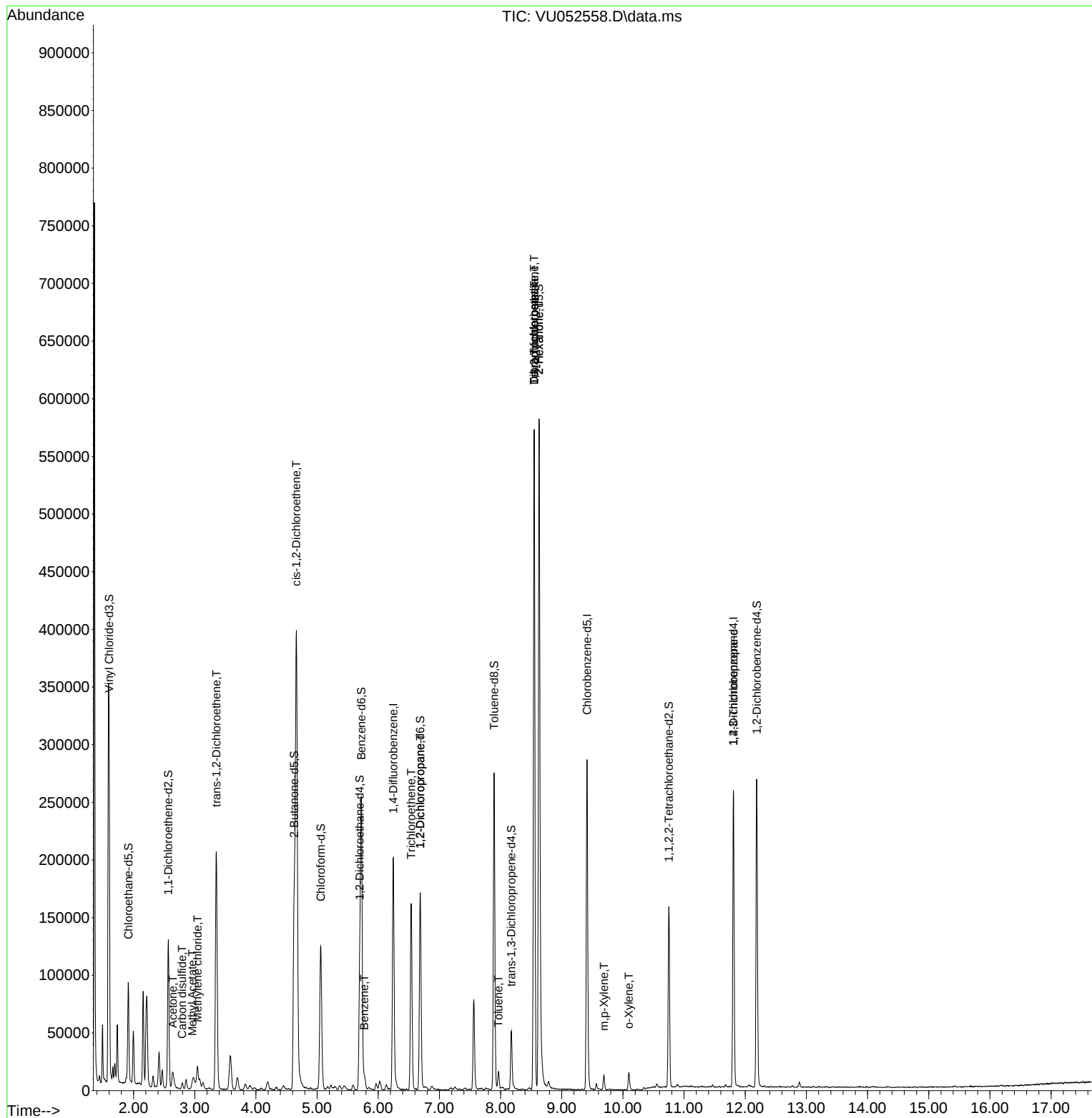
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

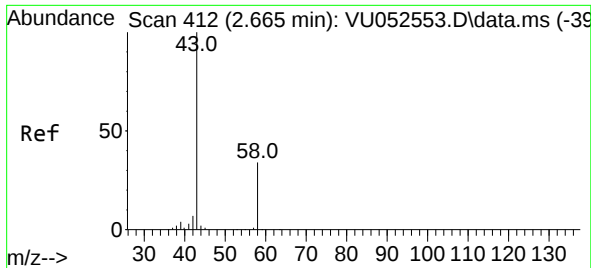
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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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 :

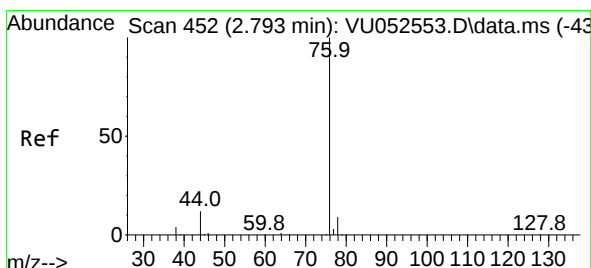
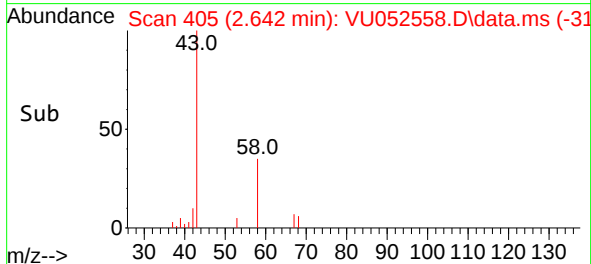
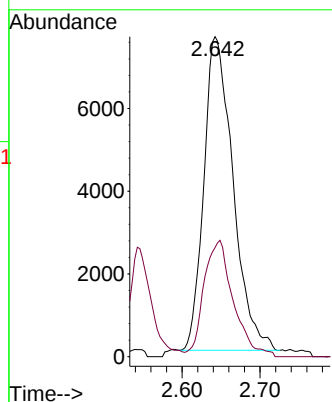
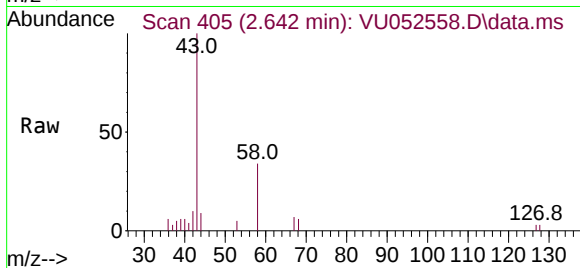
GBQA2

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

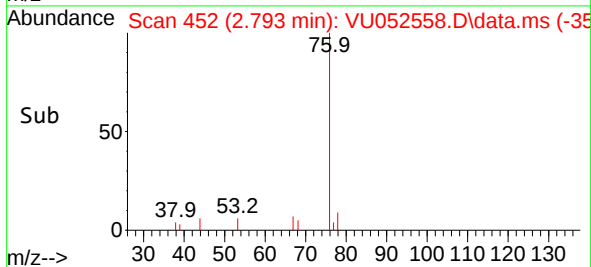
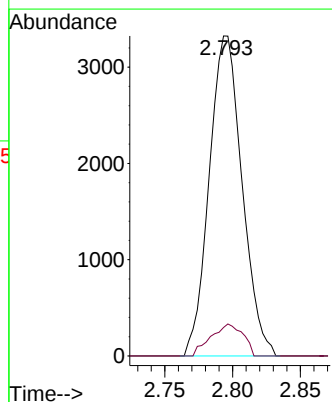
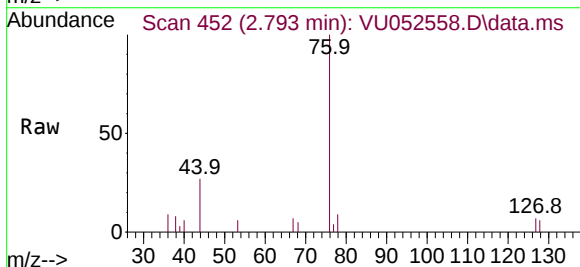
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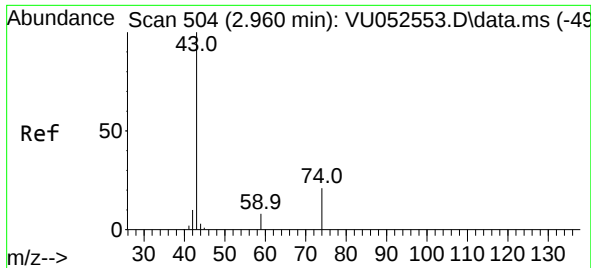
Tgt Ion: 76 Resp: 5604

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

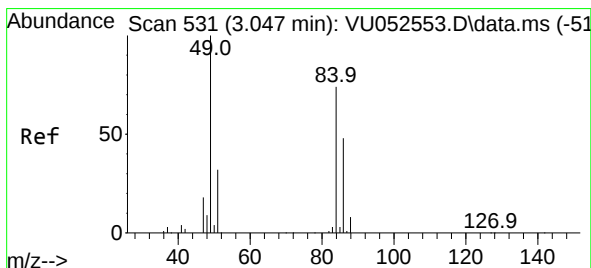
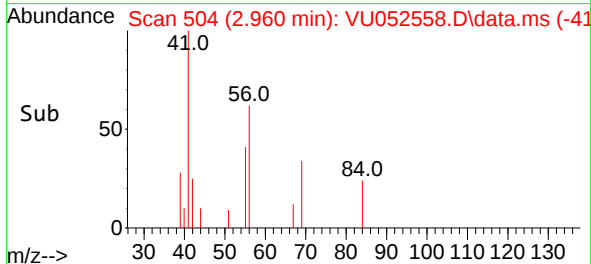
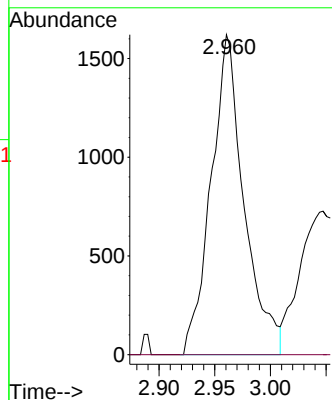
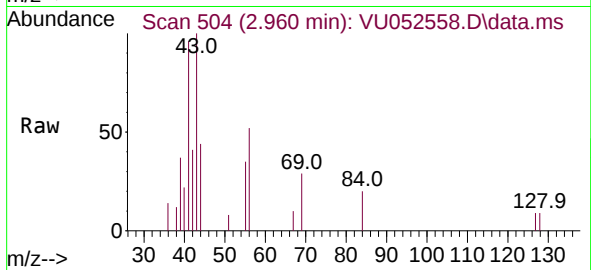




#15
Methyl Acetate
Concen: 0.420 ug/L
RT: 2.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU052558.D
Acq: 27 Dec 2022 12:44

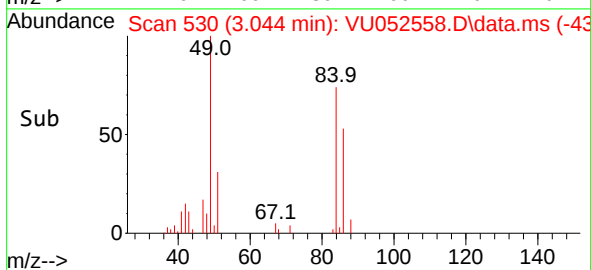
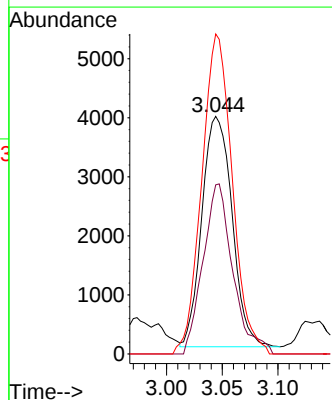
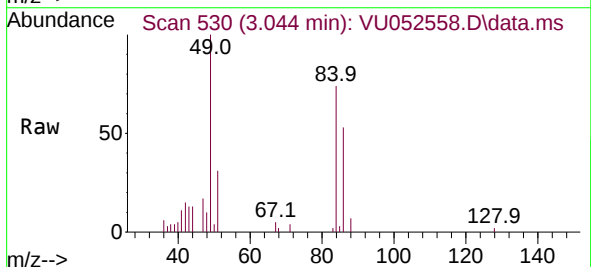
Instrument :
MSVOA_U
ClientSampleId :
GBQA2

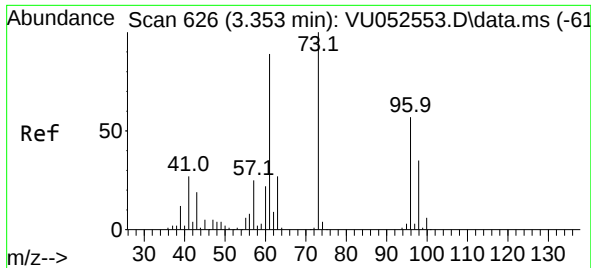
Tgt Ion: 43 Resp: 3336
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#



#16
Methylene chloride
Concen: 0.447 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU052558.D
Acq: 27 Dec 2022 12:44

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

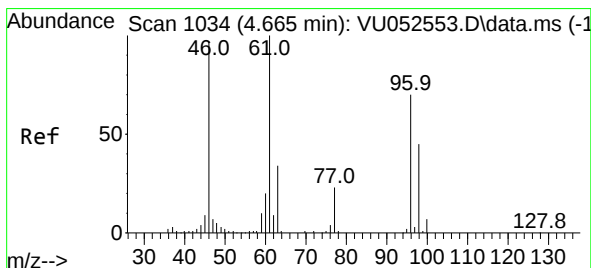
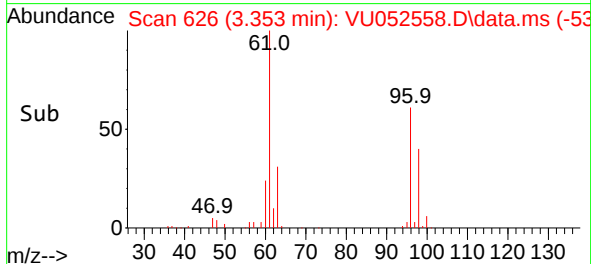
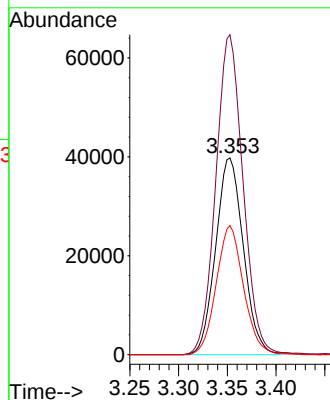
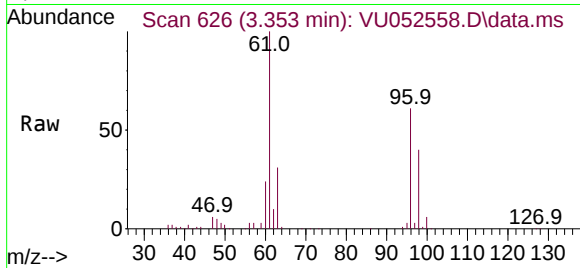




#18
trans-1,2-Dichloroethene
Concen: 6.536 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU052558.D
Acq: 27 Dec 2022 12:44

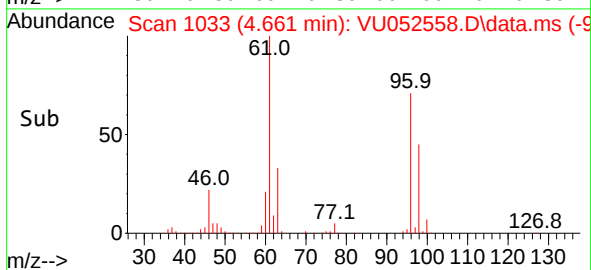
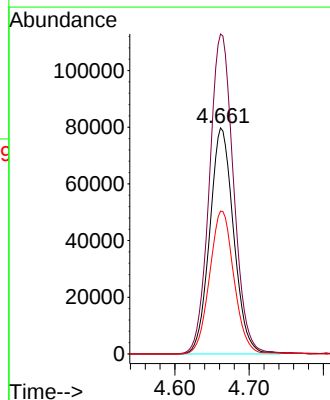
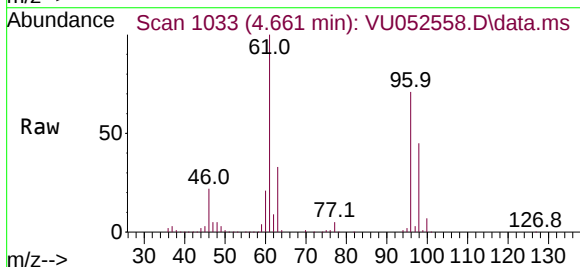
Instrument :
MSVOA_U
ClientSampleId :
GBQA2

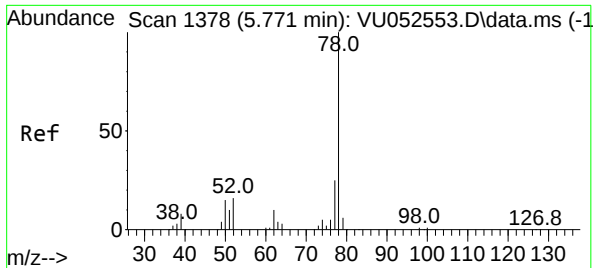
Tgt Ion: 96 Resp: 78622
Ion Ratio Lower Upper
96 100
61 162.6 108.3 201.1
98 65.7 44.0 81.6



#22
cis-1,2-Dichloroethene
Concen: 13.545 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU052558.D
Acq: 27 Dec 2022 12:44

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

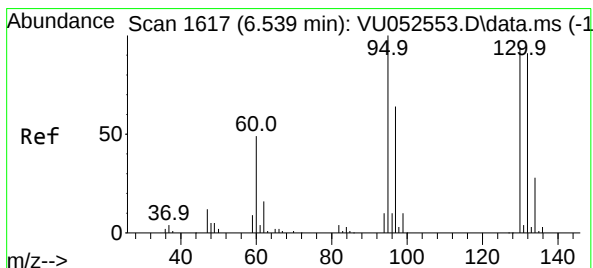
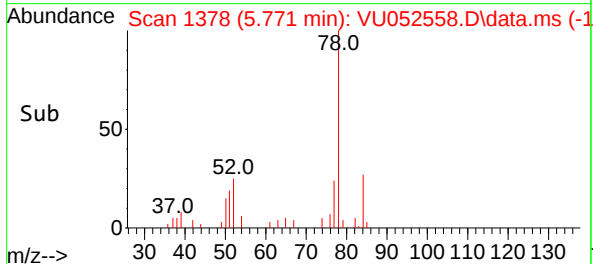
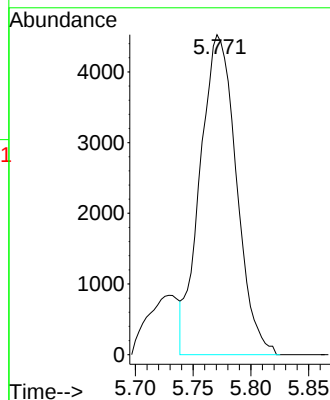
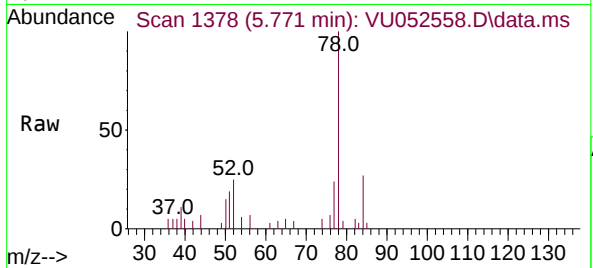




#33
Benzene
Concen: 0.182 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052558.D
Acq: 27 Dec 2022 12:44

Instrument :
MSVOA_U
ClientSampleId :
GBQA2

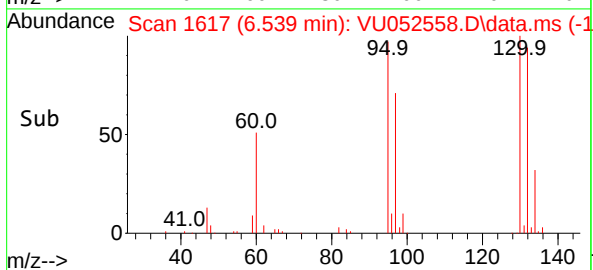
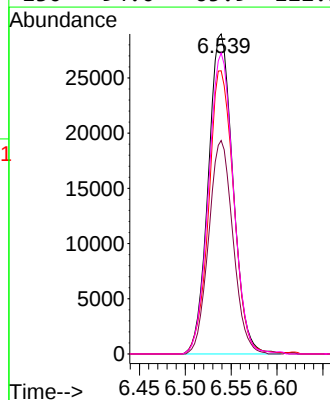
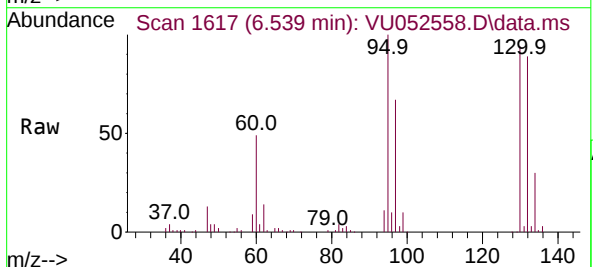
Tgt Ion: 78 Resp: 9887

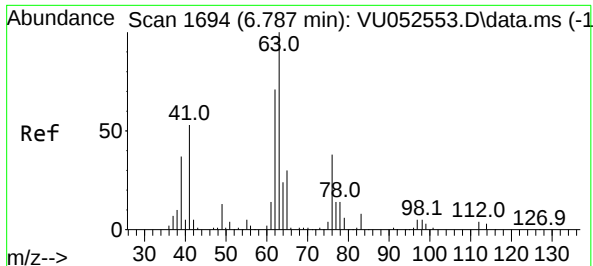


#34
Trichloroethene
Concen: 4.278 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052558.D
Acq: 27 Dec 2022 12:44

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





#37

1,2-Dichloropropane

Concen: 0.565 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052558.D

Acq: 27 Dec 2022 12:44

Instrument :

MSVOA_U

ClientSampleId :

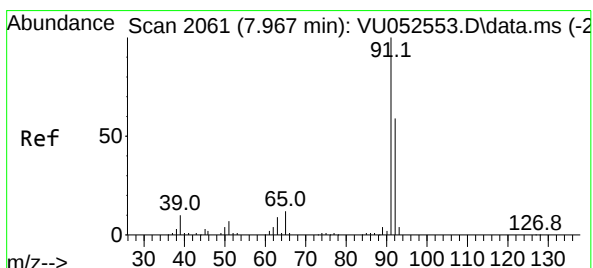
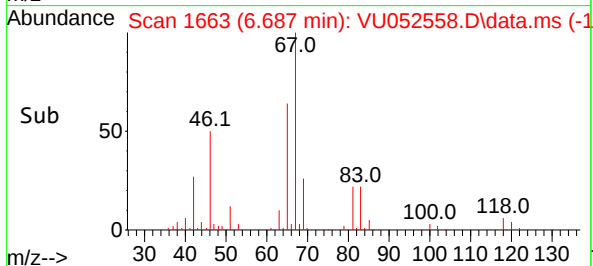
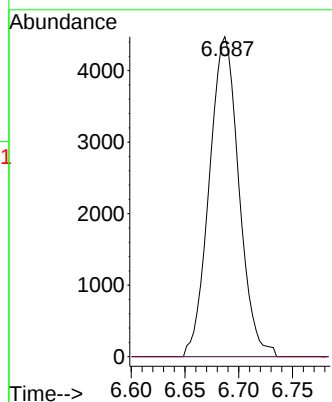
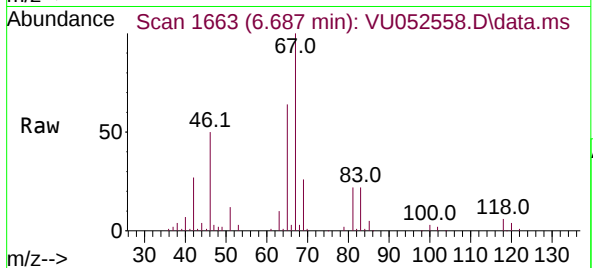
GBQA2

Tgt Ion: 63 Resp: 8574

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#42

Toluene

Concen: 0.189 ug/L

RT: 7.963 min Scan# 2060

Delta R.T. -0.003 min

Lab File: VU052558.D

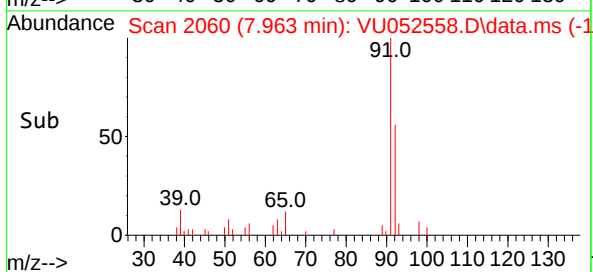
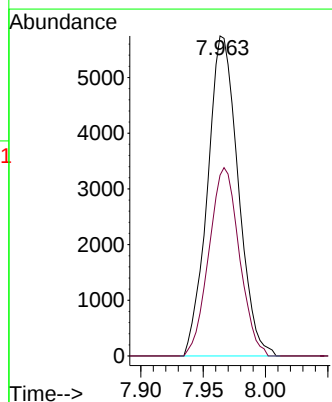
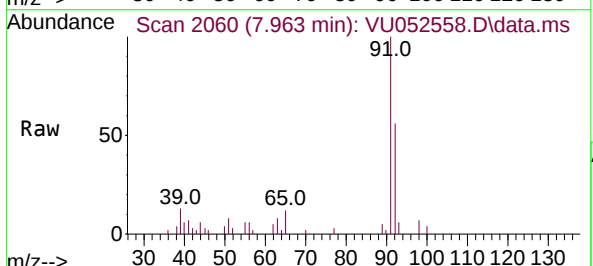
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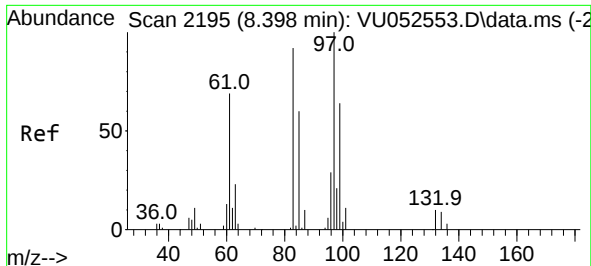
Tgt Ion: 91 Resp: 9844

Ion Ratio Lower Upper

91 100

92 56.5 40.6 75.4

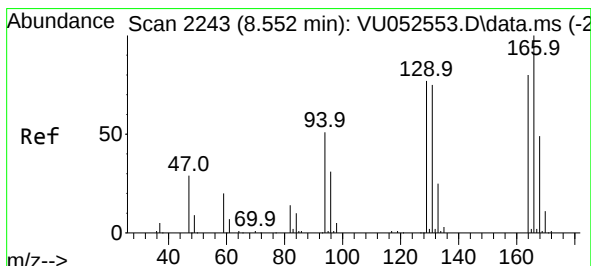
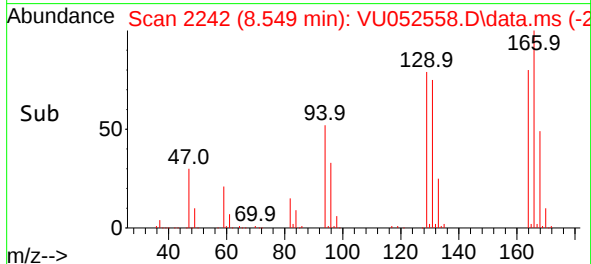
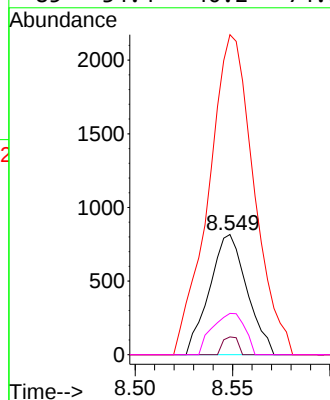
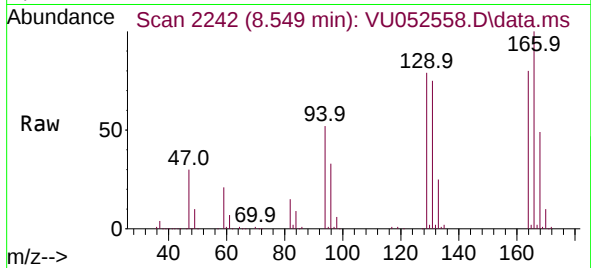




#45
1,1,2-Trichloroethane
Concen: 0.101 ug/L
RT: 8.549 min Scan# 2195
Delta R.T. 0.151 min
Lab File: VU052558.D
Acq: 27 Dec 2022 12:44

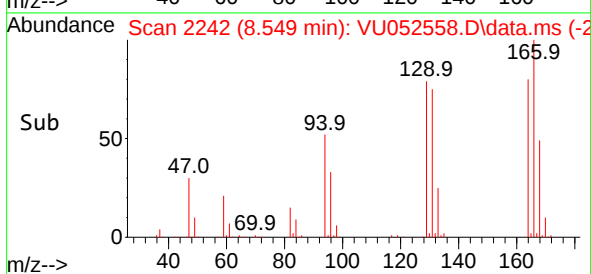
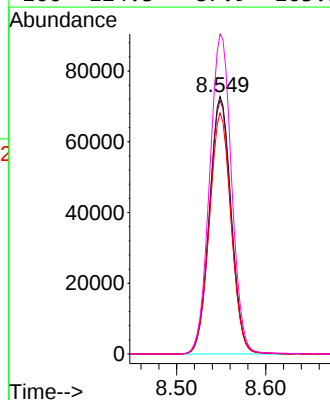
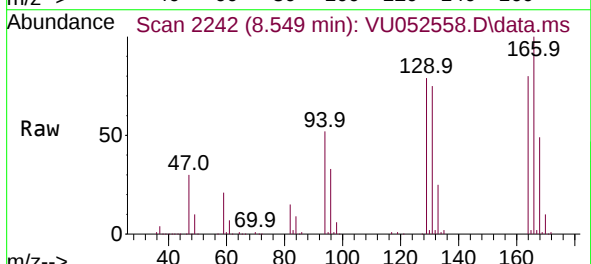
Instrument :
MSVOA_U
ClientSampleId :
GBQA2

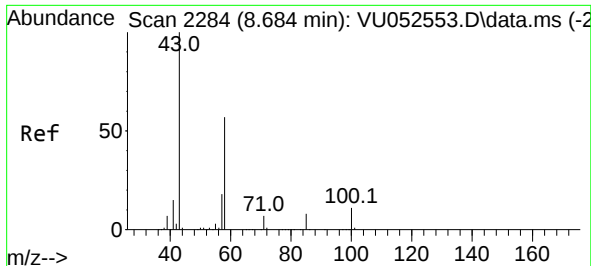
Tgt Ion: 97 Resp: 1091
Ion Ratio Lower Upper
97 100
99 14.8 42.0 78.0#
83 266.3 63.2 117.4#
85 34.4 40.2 74.6#



#47
Tetrachloroethene
Concen: 13.882 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU052558.D
Acq: 27 Dec 2022 12:44

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

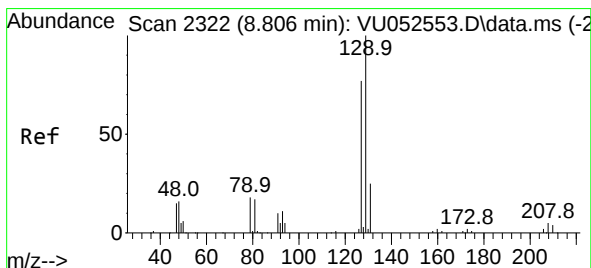
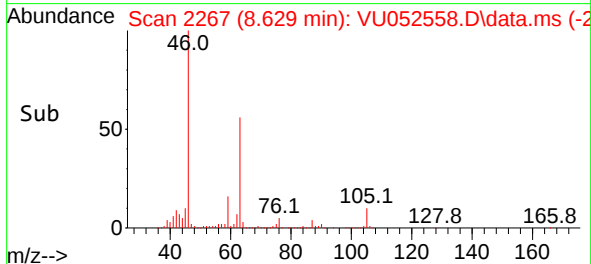
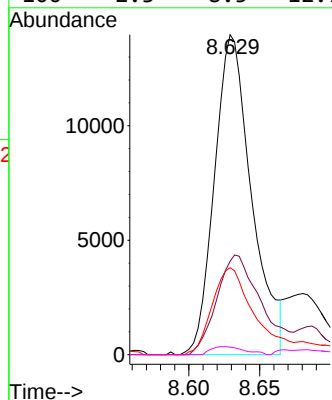
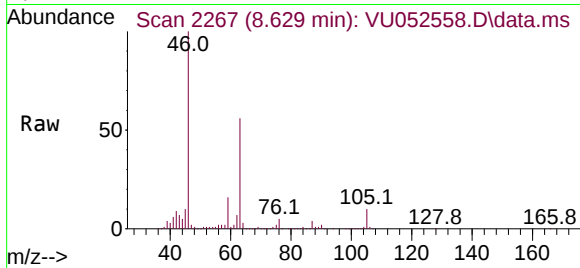




#48
2-Hexanone
Concen: 3.043 ug/L
RT: 8.629 min Scan# 21
Delta R.T. -0.055 min
Lab File: VU052558.D
Acq: 27 Dec 2022 12:44

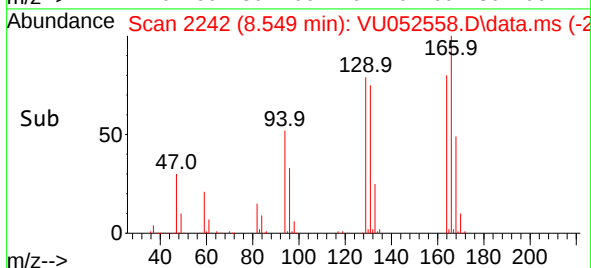
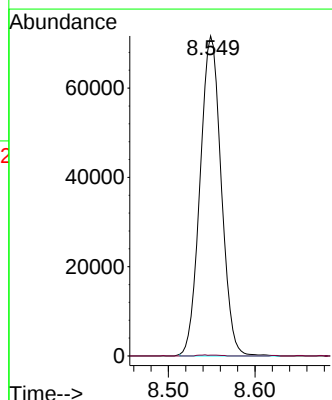
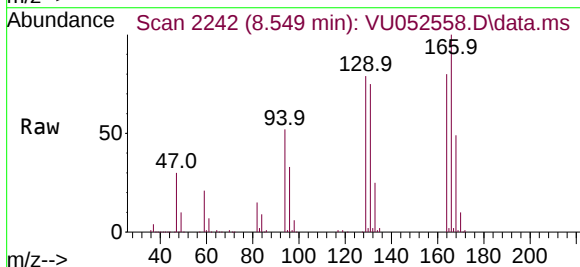
Instrument :
MSVOA_U
ClientSampleId :
GBQA2

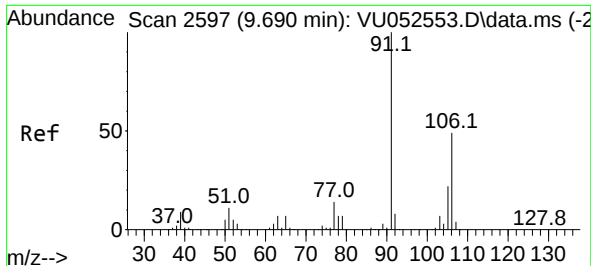
Tgt Ion: 43 Resp: 25452
Ion Ratio Lower Upper
43 100
58 37.9 44.1 66.1#
57 30.7 14.6 21.8#
100 2.3 8.5 12.7#



#49
Dibromochloromethane
Concen: 10.667 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU052558.D
Acq: 27 Dec 2022 12:44

Tgt Ion: 129 Resp: 121457
Ion Ratio Lower Upper
129 100
127 0.2 54.2 100.6#

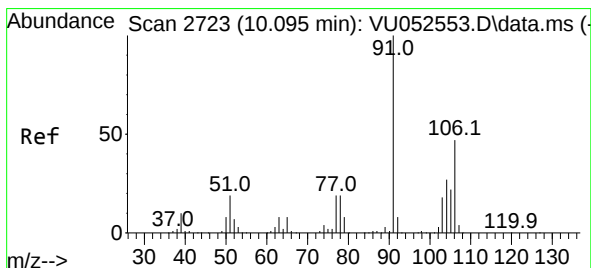
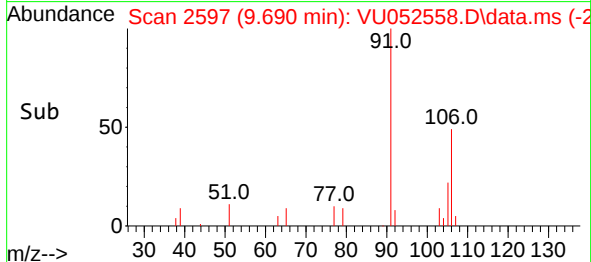
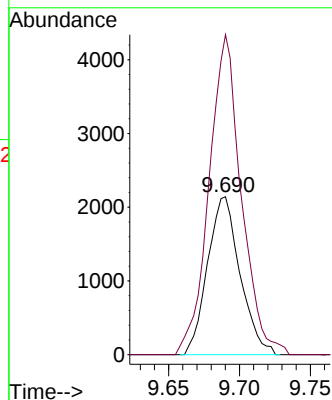
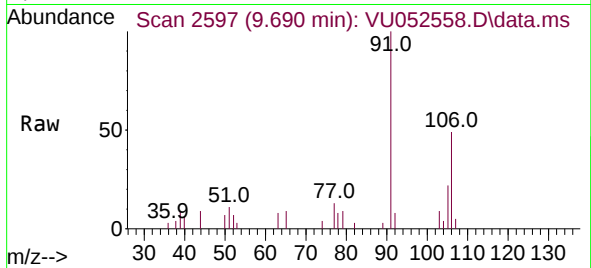




#53
m,p-Xylene
Concen: 0.172 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU052558.D
Acq: 27 Dec 2022 12:44

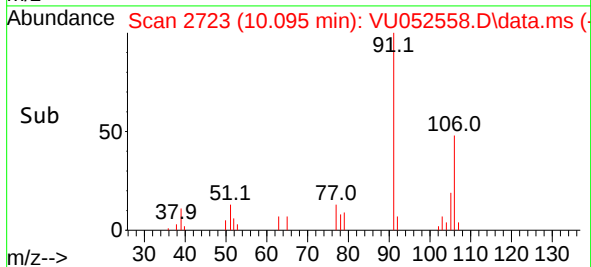
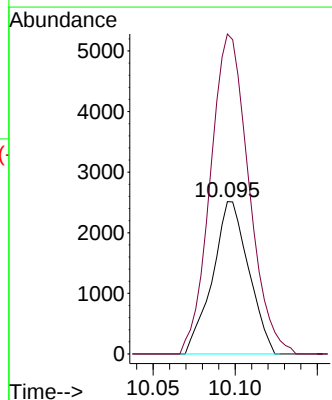
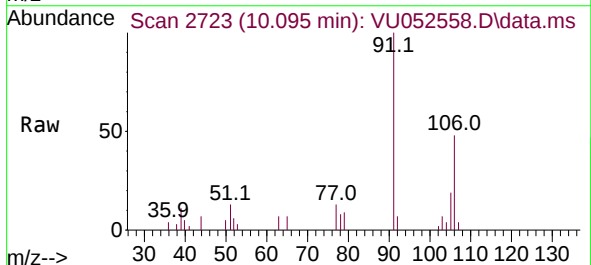
Instrument :
MSVOA_U
ClientSampleId :
GBQA2

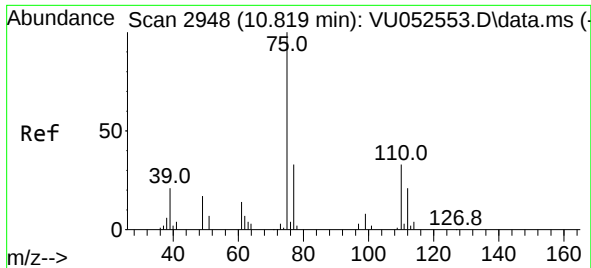
Tgt Ion:106 Resp: 3416
Ion Ratio Lower Upper
106 100
91 202.7 148.2 275.2



#54
o-Xylene
Concen: 0.201 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. -0.000 min
Lab File: VU052558.D
Acq: 27 Dec 2022 12:44

Tgt Ion:106 Resp: 3838
Ion Ratio Lower Upper
106 100
91 210.1 153.2 284.4





#61
 1,2,3-Trichloropropane
 Concen: 1.018 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU052558.D
 Acq: 27 Dec 2022 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQA2

Tgt Ion: 75 Resp: 9476
 Ion Ratio Lower Upper
 75 100
 110 1.6 27.9 41.9#
 77 31.2 25.9 38.9

