

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052548.D
 Acq On : 23 Dec 2022 19:29
 Operator : JC/MD
 Sample : N6169-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQA0

Quant Time: Dec 24 03:59:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 24 03:53:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	159887	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	147558	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	66831	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	58901	3.636	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.916	69	57557	4.120	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.568	65	26643	3.822	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	4.645	46	227790	45.348	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.700%
24) Chloroform-d	5.060	84	122603	4.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.697	65	75600	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.723	84	247122	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.687	67	89727	5.152	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.893	98	196364	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.176	79	33234	5.573	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.400%
46) 2-Hexanone-d5	8.636	63	170035	52.117	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.240%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	84237	5.697	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	72831	5.353	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	2516	0.135	ug/L #	80
12) 1,1-Dichloroethene	2.575	96	2008	0.168	ug/L #	1
15) Methyl Acetate	2.957	43	3240	0.397	ug/L #	55
16) Methylene chloride	3.044	84	10973	0.649	ug/L	95
18) trans-1,2-Dichloroethene	3.350	96	369410	29.934	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	447755	33.060	ug/L	98
33) Benzene	5.774	78	14062	0.265	ug/L	100
34) Trichloroethene	6.536	95	7160	0.576	ug/L	93
37) 1,2-Dichloropropane	6.690	63	8984	0.606	ug/L #	88
47) Tetrachloroethene	8.549	164	6233	0.719	ug/L	97
48) 2-Hexanone	8.677	43	5602	0.686	ug/L #	40
49) Dibromochloromethane	8.549	129	6411	0.576	ug/L #	16
52) Ethylbenzene	9.565	91	6959	0.132	ug/L	94
53) m,p-Xylene	9.687	106	4684	0.241	ug/L	92
54) o-Xylene	10.095	106	2875	0.154	ug/L	98
61) 1,2,3-Trichloropropane	11.806	75	9130	0.952	ug/L #	67

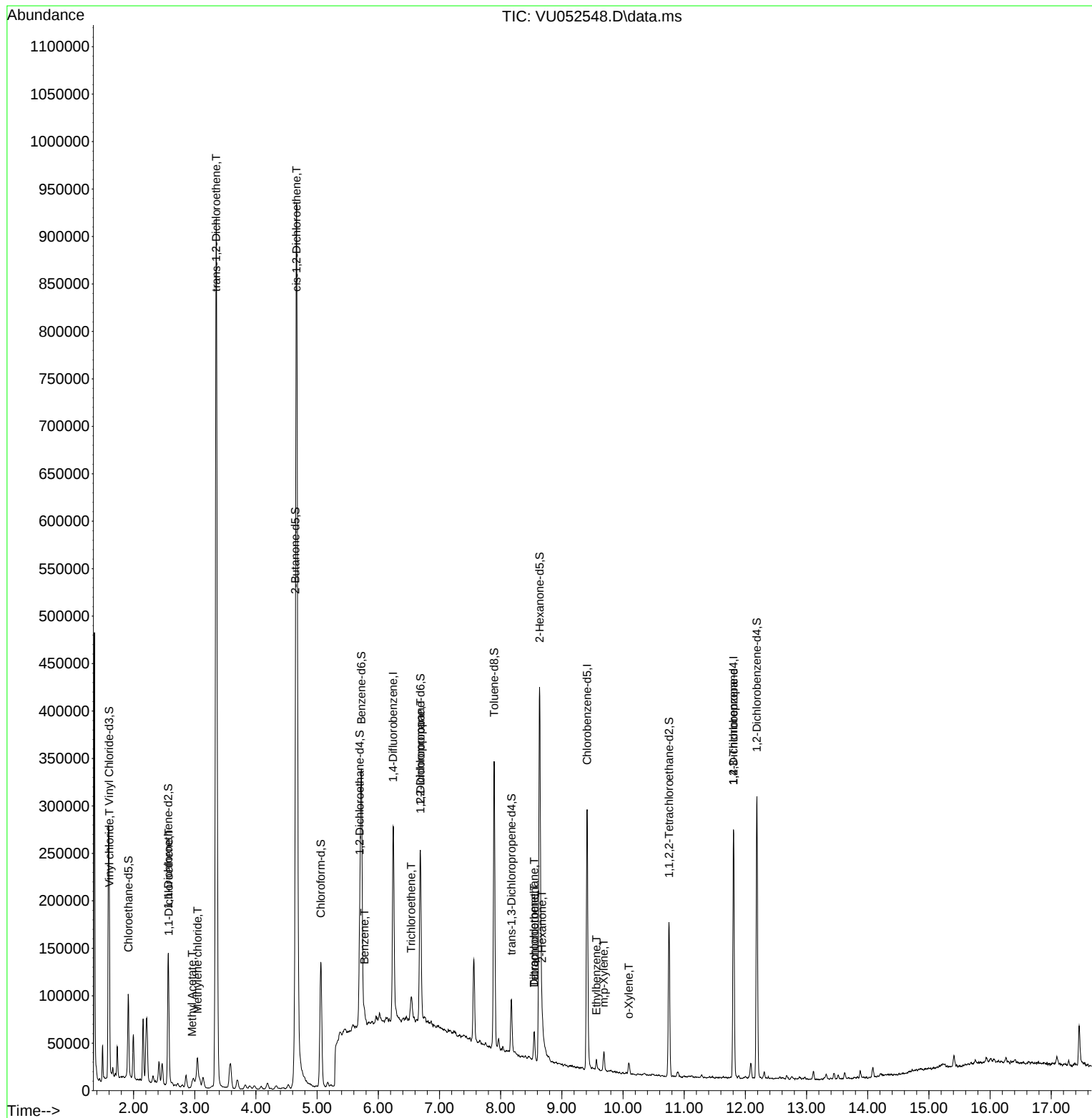
(#) = qualifier out of range (m) = manual integration (+) = signals summed

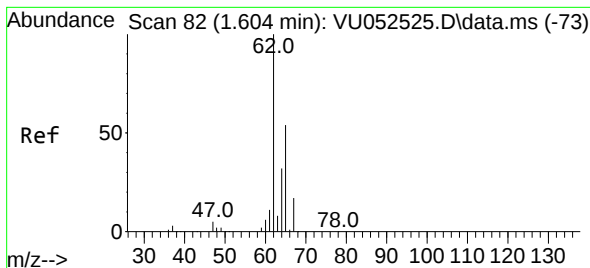
Instrument :
MSVOA_U
ClientSampleId :
GBQA0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052548.D
Acq On : 23 Dec 2022 19:29
Operator : JC/MD
Sample : N6169-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA0

Quant Time: Dec 24 03:59:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 24 03:53:16 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.135 ug/L

RT: 1.607 min Scan# 81

Delta R.T. 0.003 min

Lab File: VU052548.D

Acq: 23 Dec 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

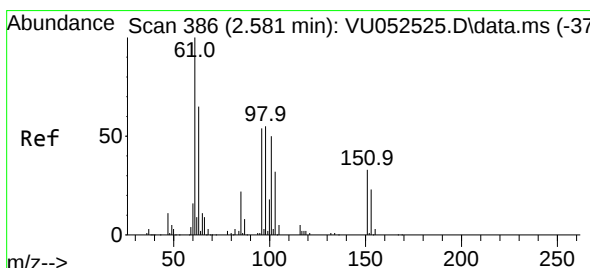
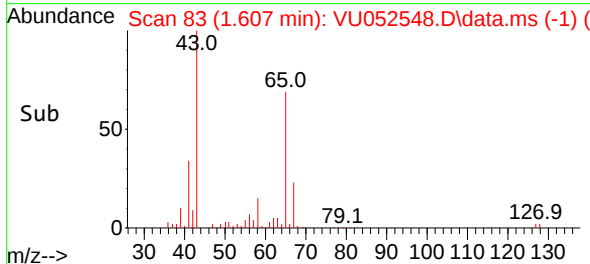
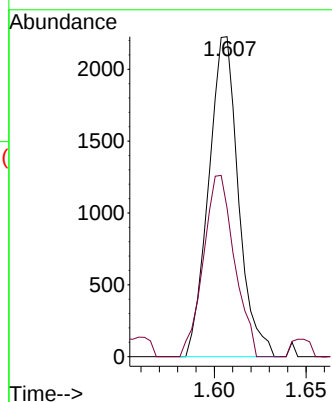
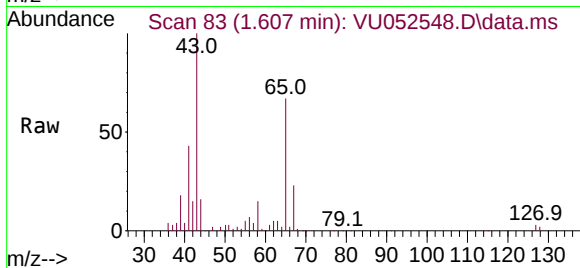
GBQA0

Tgt Ion: 62 Resp: 2516

Ion Ratio Lower Upper

62 100

64 46.4 24.4 45.4#



#12

1,1-Dichloroethene

Concen: 0.168 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.007 min

Lab File: VU052548.D

Acq: 23 Dec 2022 19:29

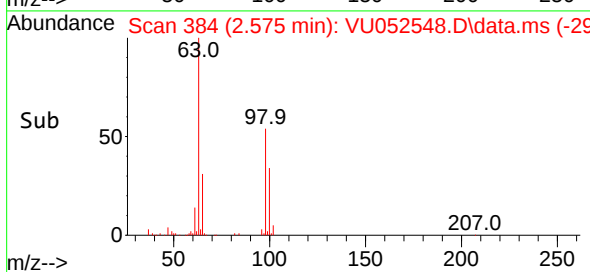
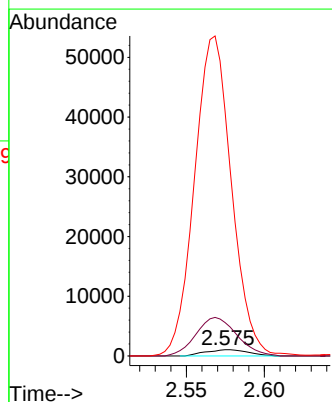
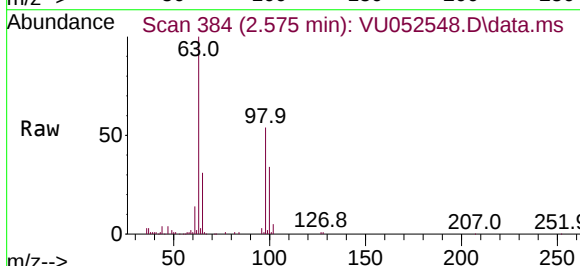
Tgt Ion: 96 Resp: 2008

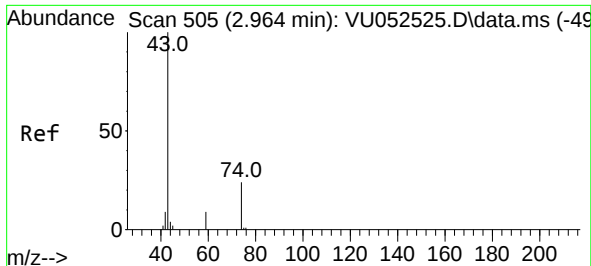
Ion Ratio Lower Upper

96 100

61 531.0 135.4 251.4#

63 3900.6 95.4 177.2#

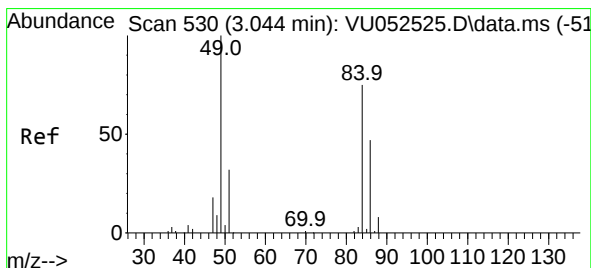
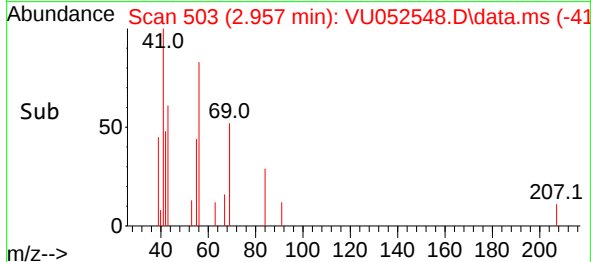
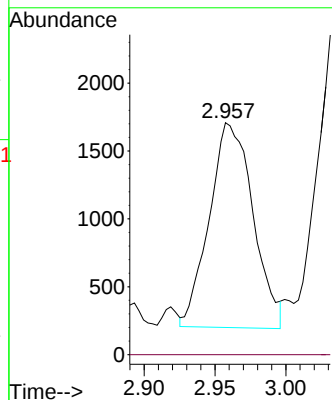
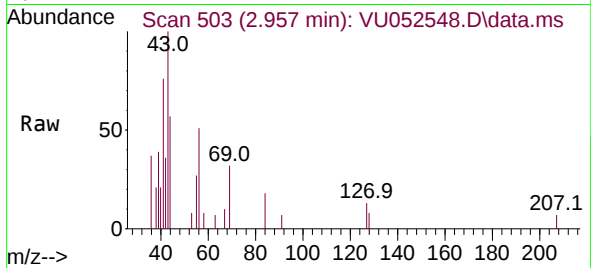




#15
Methyl Acetate
Concen: 0.397 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.007 min
Lab File: VU052548.D
Acq: 23 Dec 2022 19:29

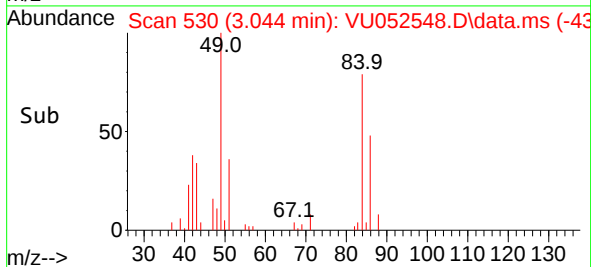
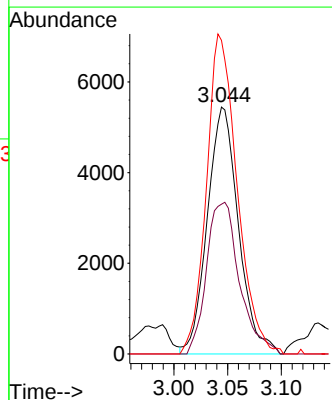
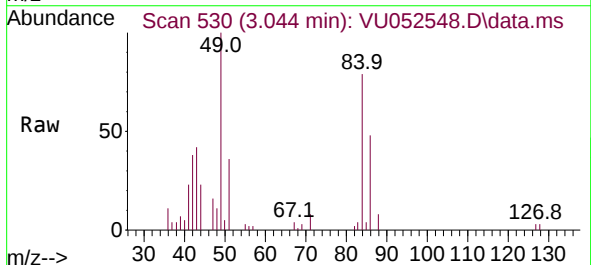
Instrument :
MSVOA_U
ClientSampleId :
GBQA0

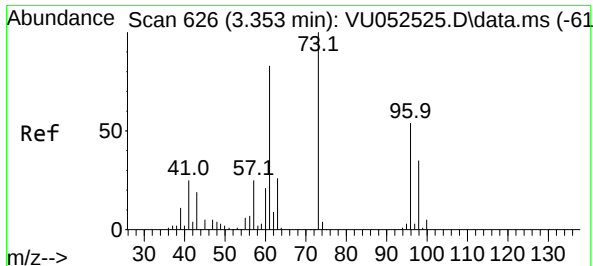
Tgt Ion: 43 Resp: 3240
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#



#16
Methylene chloride
Concen: 0.649 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU052548.D
Acq: 23 Dec 2022 19:29

Tgt Ion: 84 Resp: 10973
Ion Ratio Lower Upper
84 100
86 60.6 44.7 83.1
49 127.0 93.3 173.3

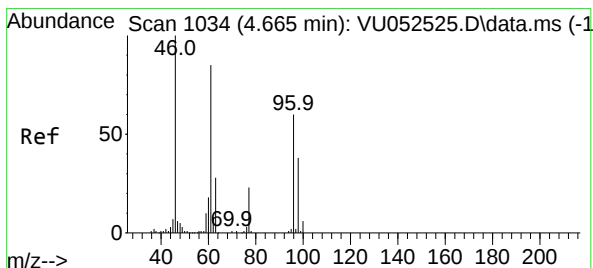
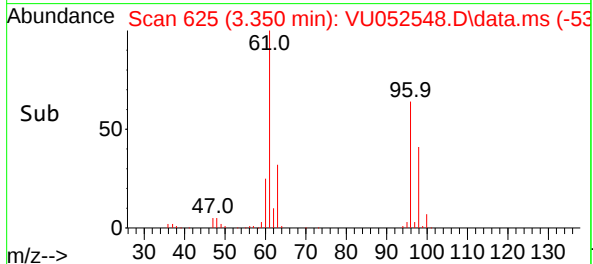
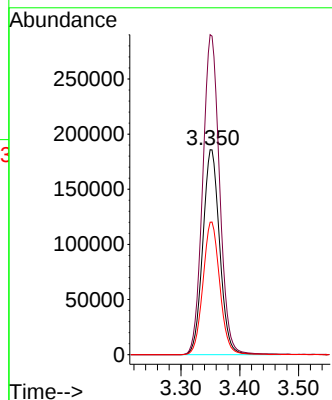
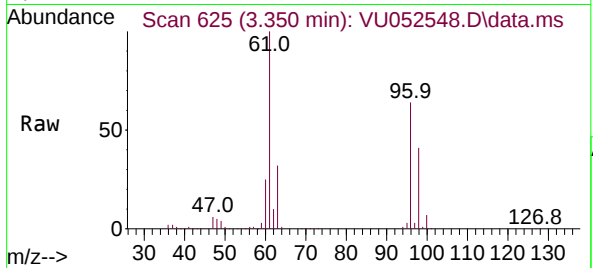




#18
trans-1,2-Dichloroethene
Concen: 29.934 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU052548.D
Acq: 23 Dec 2022 19:29

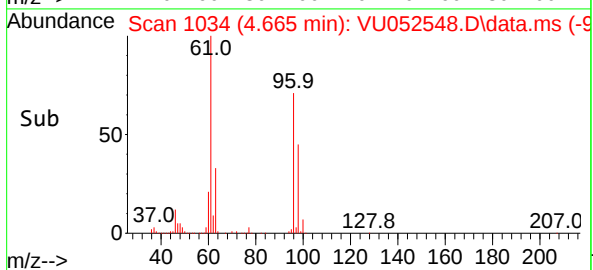
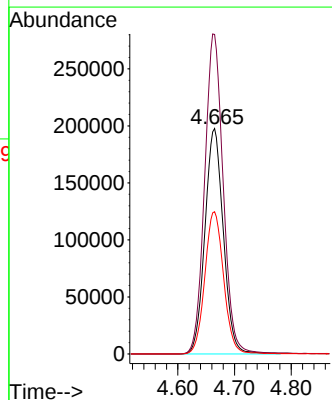
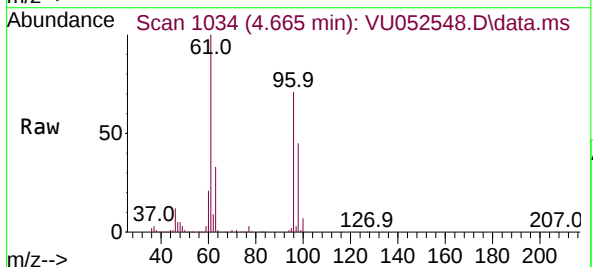
Instrument :
MSVOA_U
ClientSampleId :
GBQA0

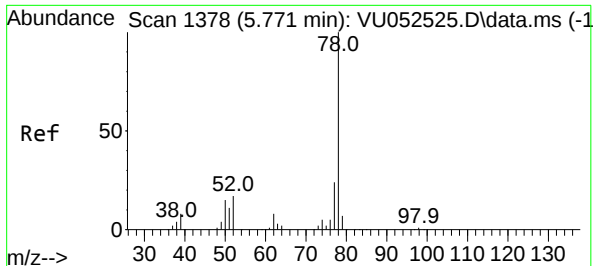
Tgt Ion: 96 Resp: 369410
Ion Ratio Lower Upper
96 100
61 156.1 108.3 201.1
98 64.7 44.0 81.6



#22
cis-1,2-Dichloroethene
Concen: 33.060 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU052548.D
Acq: 23 Dec 2022 19:29

Tgt Ion: 96 Resp: 447755
Ion Ratio Lower Upper
96 100
61 141.8 96.9 180.1
98 63.1 44.7 83.1

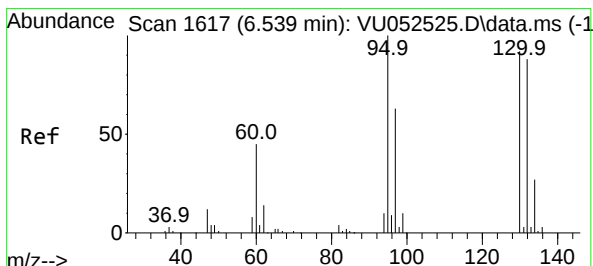
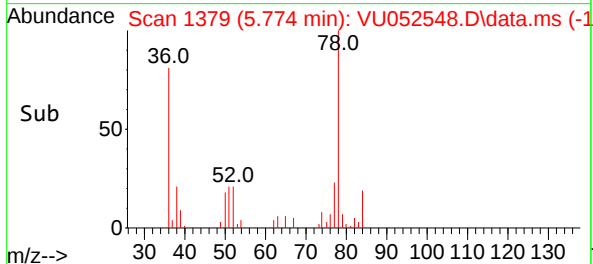
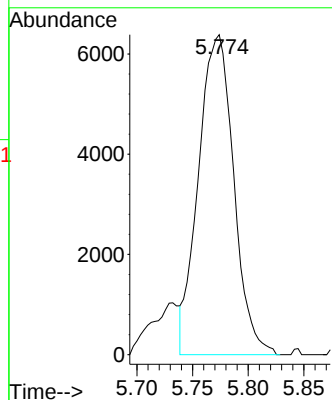
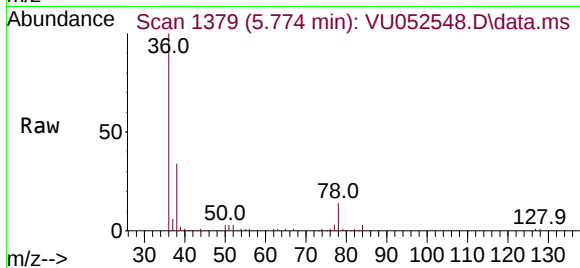




#33
Benzene
Concen: 0.265 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052548.D
Acq: 23 Dec 2022 19:29

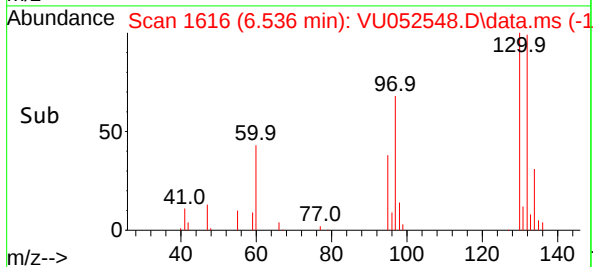
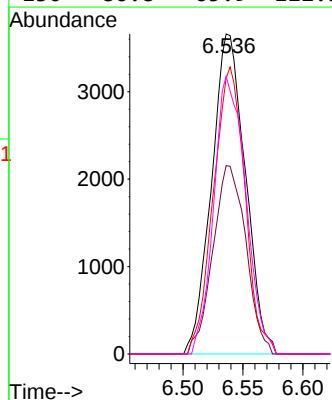
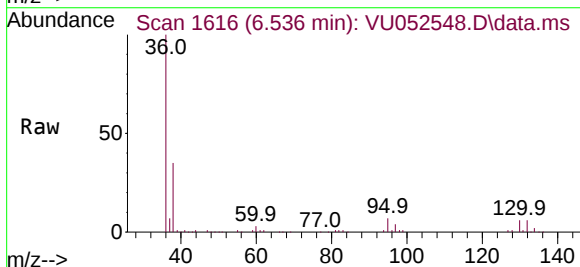
Instrument :
MSVOA_U
ClientSampleId :
GBQA0

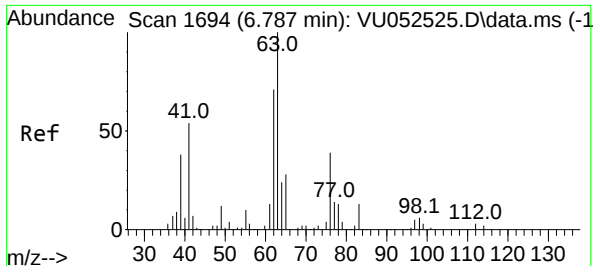
Tgt Ion: 78 Resp: 14062



#34
Trichloroethene
Concen: 0.576 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU052548.D
Acq: 23 Dec 2022 19:29

Tgt Ion: 95 Resp: 7160
Ion Ratio Lower Upper
95 100
97 58.9 46.3 86.1
132 86.2 63.9 118.7
130 86.8 65.9 122.5





#37

1,2-Dichloropropane

Concen: 0.606 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU052548.D

Acq: 23 Dec 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :

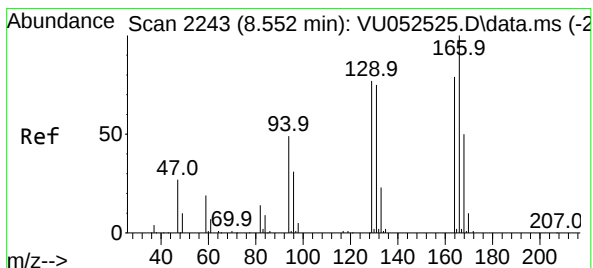
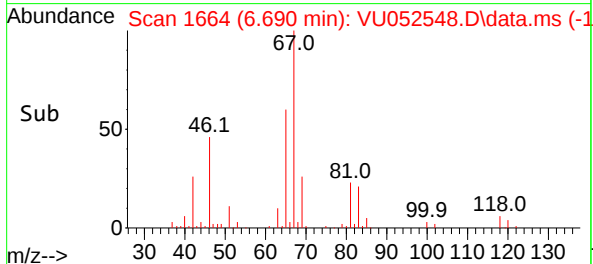
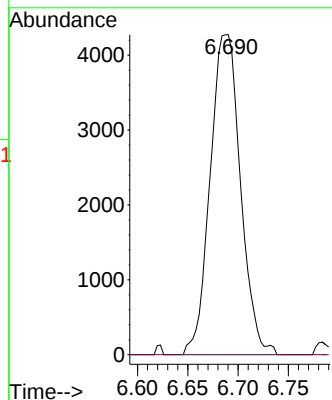
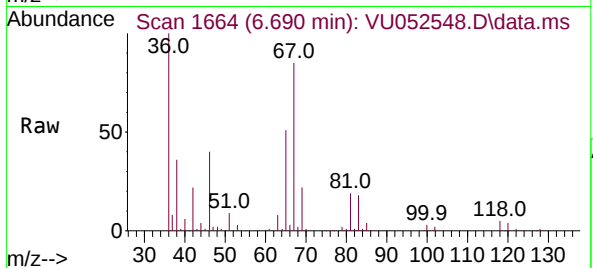
GBQA0

Tgt Ion: 63 Resp: 8984

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#47

Tetrachloroethene

Concen: 0.719 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.003 min

Lab File: VU052548.D

Acq: 23 Dec 2022 19:29

Tgt Ion: 164 Resp: 6233

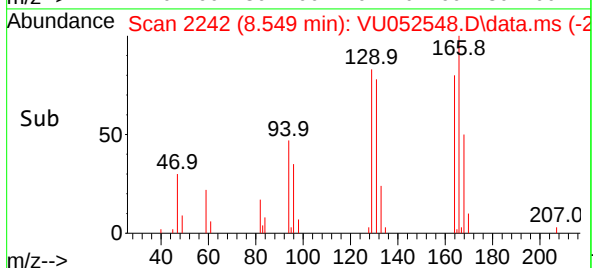
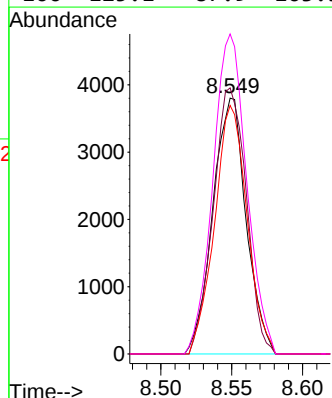
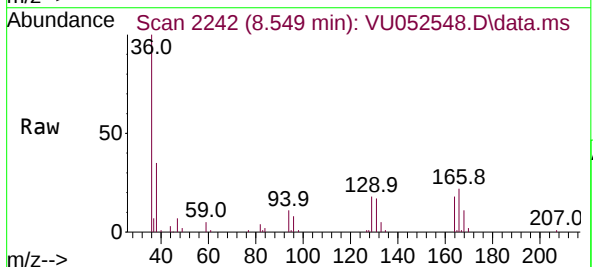
Ion Ratio Lower Upper

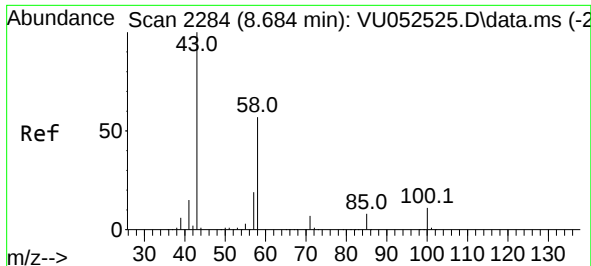
164 100

129 104.0 68.1 126.5

131 97.1 66.5 123.5

166 125.1 87.9 163.3

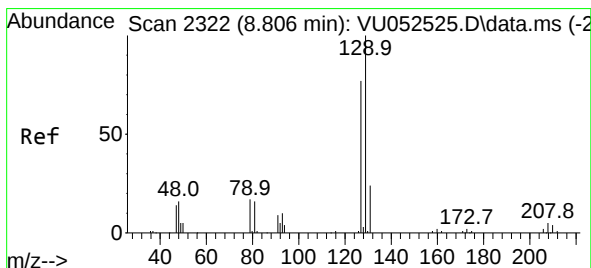
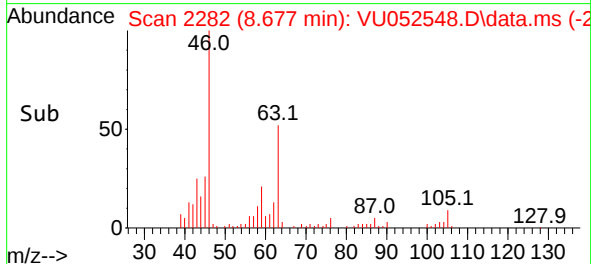
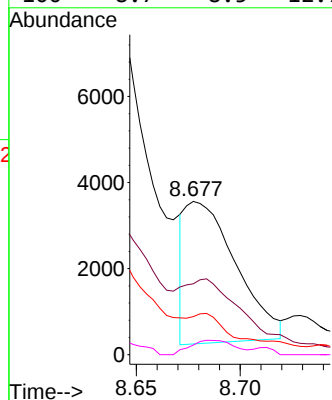
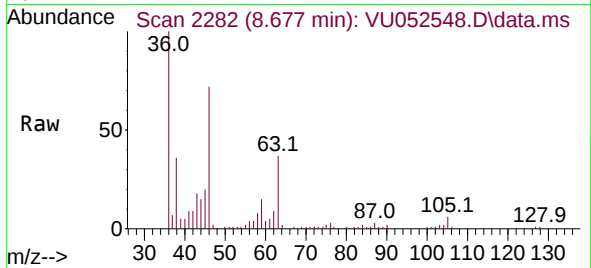




#48
2-Hexanone
Concen: 0.686 ug/L
RT: 8.677 min Scan# 211
Delta R.T. -0.007 min
Lab File: VU052548.D
Acq: 23 Dec 2022 19:29

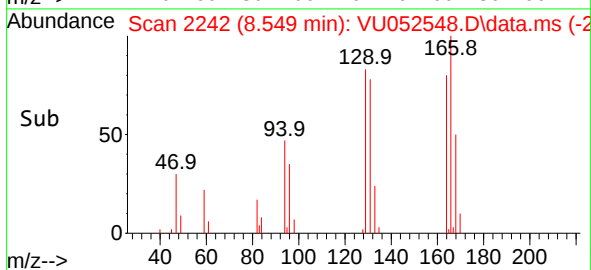
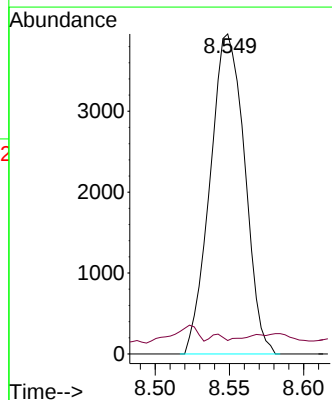
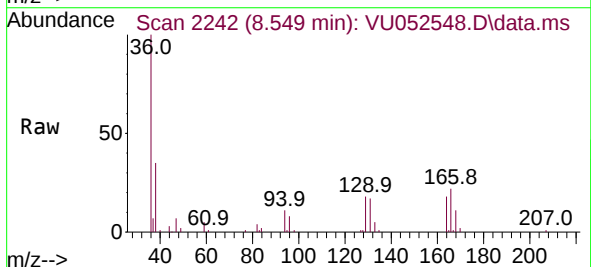
Instrument :
MSVOA_U
ClientSampleId :
GBQA0

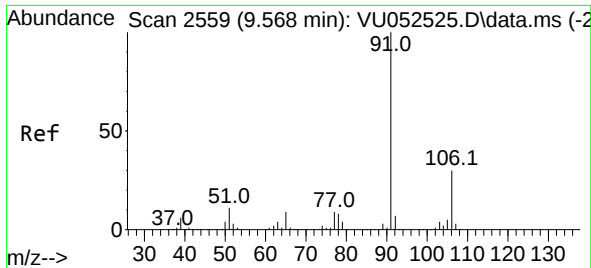
Tgt Ion: 43	Resp: 5602
Ion Ratio	Lower Upper
43	100
58	0.0 44.1 66.1#
57	0.0 14.6 21.8#
100	8.7 8.5 12.7



#49
Dibromochloromethane
Concen: 0.576 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU052548.D
Acq: 23 Dec 2022 19:29

Tgt Ion: 129	Resp: 6411
Ion Ratio	Lower Upper
129	100
127	4.2 54.2 100.6#

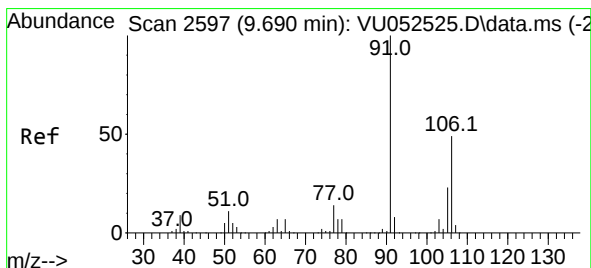
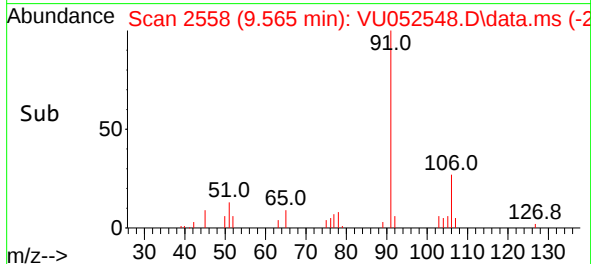
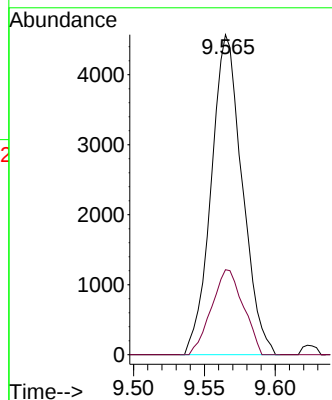
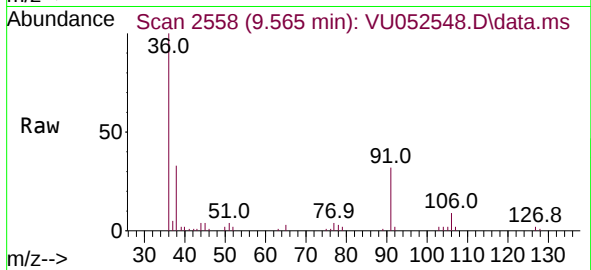




#52
Ethylbenzene
Concen: 0.132 ug/L
RT: 9.565 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052548.D
Acq: 23 Dec 2022 19:29

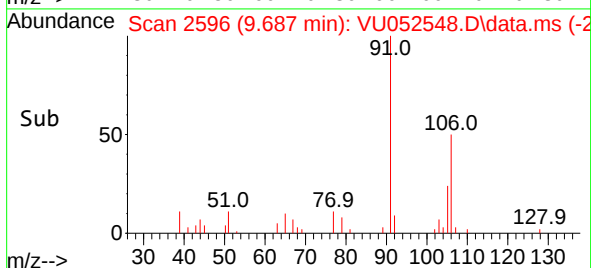
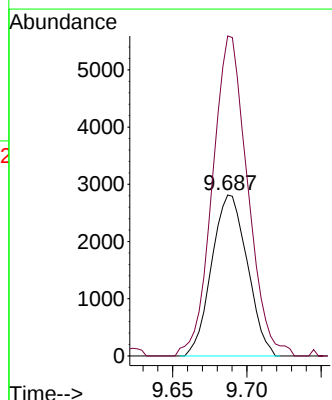
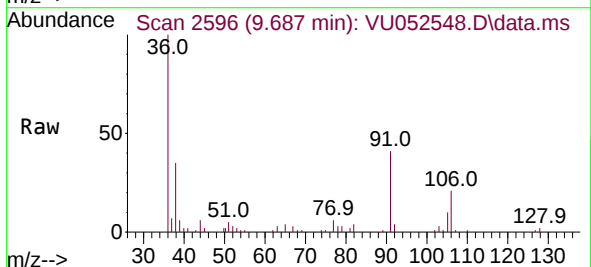
Instrument :
MSVOA_U
ClientSampleId :
GBQA0

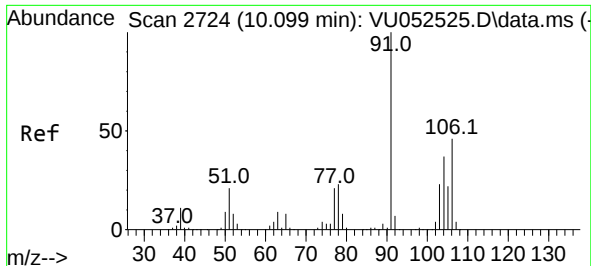
Tgt Ion: 91 Resp: 6959
Ion Ratio Lower Upper
91 100
106 26.6 20.9 38.7



#53
m,p-Xylene
Concen: 0.241 ug/L
RT: 9.687 min Scan# 2596
Delta R.T. -0.003 min
Lab File: VU052548.D
Acq: 23 Dec 2022 19:29

Tgt Ion:106 Resp: 4684
Ion Ratio Lower Upper
106 100
91 198.8 148.2 275.2

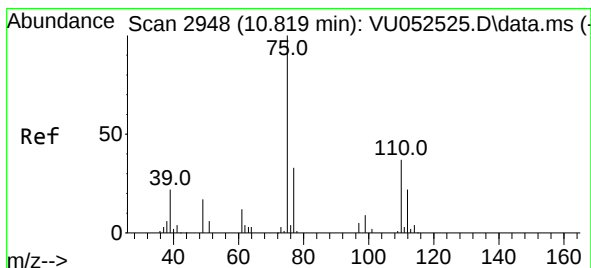
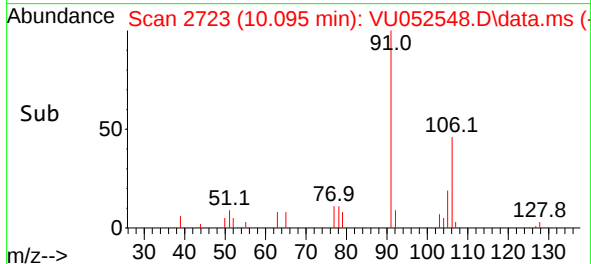
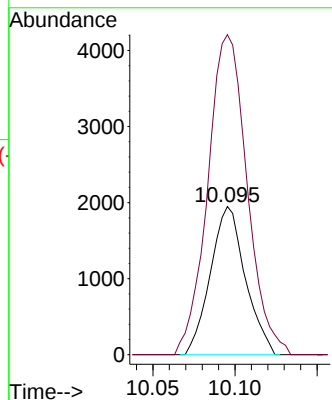
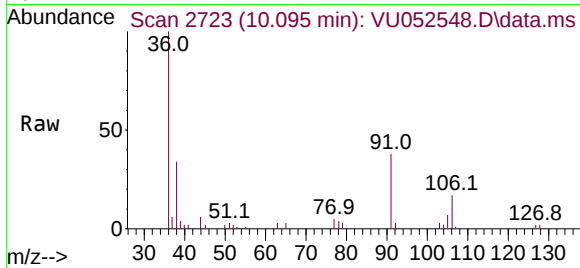




#54
o-Xylene
Concen: 0.154 ug/L
RT: 10.095 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052548.D
Acq: 23 Dec 2022 19:29

Instrument :
MSVOA_U
ClientSampleId :
GBQA0

Tgt Ion:106 Resp: 2875
Ion Ratio Lower Upper
106 100
91 215.9 153.2 284.4



#61
1,2,3-Trichloropropane
Concen: 0.952 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052548.D
Acq: 23 Dec 2022 19:29

Tgt Ion: 75 Resp: 9130
Ion Ratio Lower Upper
75 100
110 2.0 27.9 41.9#
77 36.8 25.9 38.9

