

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046544.D
 Acq On : 21 Dec 2021 23:45
 Operator : SY/MD
 Sample : M5170-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 05:48:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 14:35:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	87129	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	84573	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	30434	4.435	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.922	69	24221	4.482	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.575	65	13246	4.577	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	4.658	46	106939	53.720	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.440%
24) Chloroform-d	5.070	84	55519	4.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.706	65	33965	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.732	84	113735	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.694	67	34723	4.901	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.899	98	100507	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.182	79	15486	4.726	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.636	63	100594	52.293	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.580%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34111	4.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	40309	5.053	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	335	0.045	ug/L #	21
14) Carbon disulfide	2.803	76	8724	0.348	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	24527	2.744	ug/L	99
33) Benzene	5.777	78	47337	1.409	ug/L	100
37) 1,2-Dichloropropane	6.694	63	3964	0.462	ug/L #	88
40) 4-Methyl-2-pentanone	7.800	43	10694	1.662	ug/L #	88
42) Toluene	7.970	91	75042	2.176	ug/L	99
47) Tetrachloroethene	8.555	164	2138	0.341	ug/L	96
49) Dibromochloromethane	8.555	129	2182	0.256	ug/L #	10
52) Ethylbenzene	9.571	91	23288	0.652	ug/L	96
53) m,p-Xylene	9.693	106	18826	1.376	ug/L	94
54) o-Xylene	10.102	106	5912	0.450	ug/L	99
60) Isopropylbenzene	10.488	105	2481	0.074	ug/L #	67
62) 1,3,5-Trimethylbenzene	11.089	105	11554	0.416	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	57950	2.072	ug/L	100
71) Naphthalene	14.085	128	52228	2.260	ug/L	97

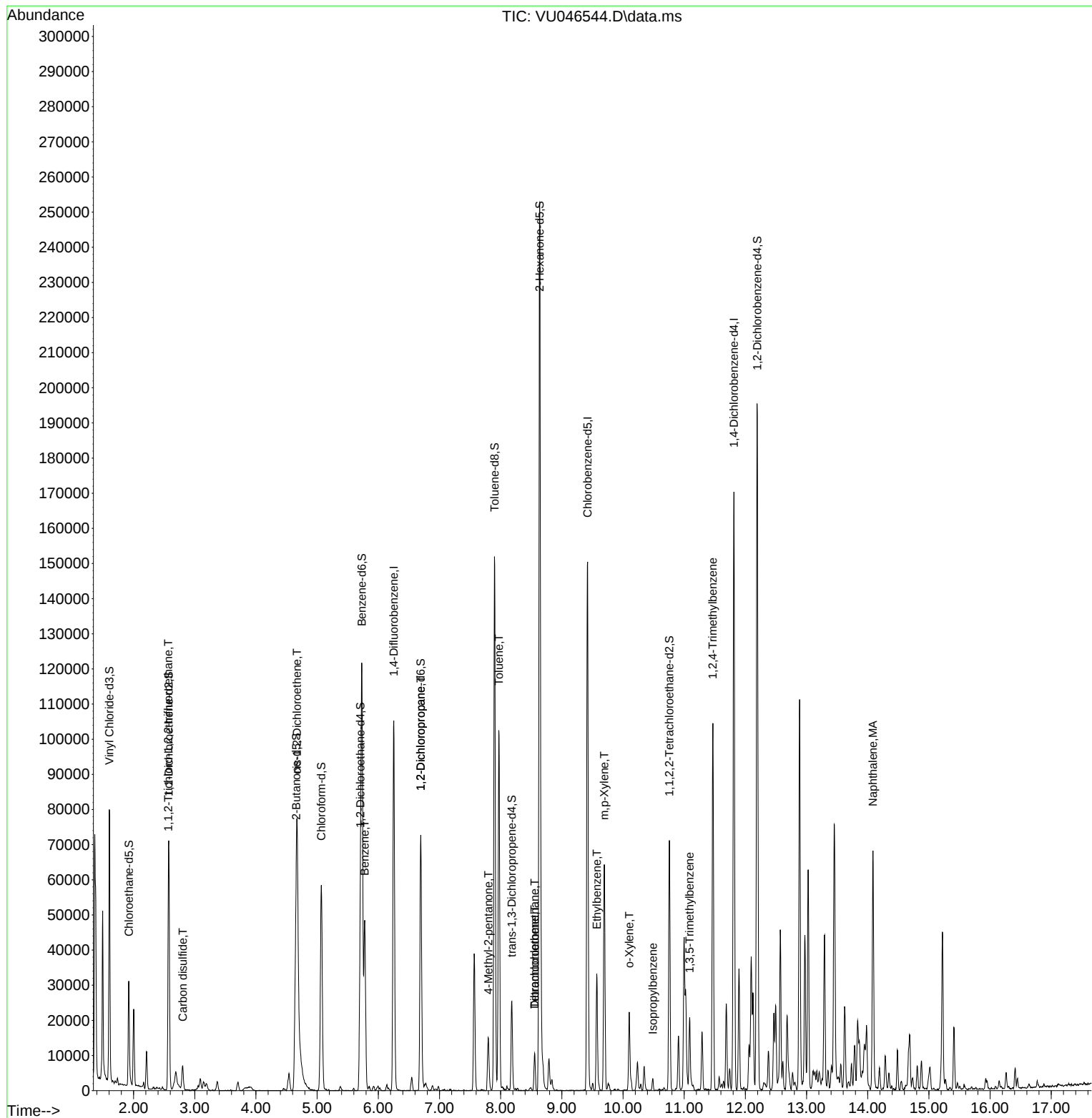
(#) = qualifier out of range (m) = manual integration (+) = signals summed

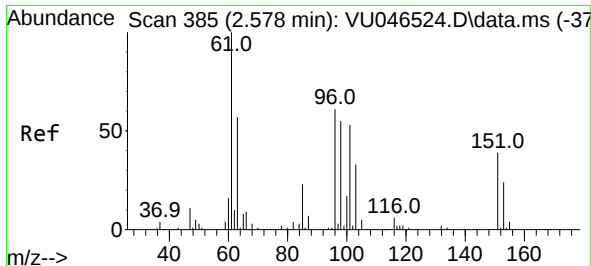
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
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QLast Update : Tue Dec 21 14:35:13 2021
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.045 ug/L

RT: 2.568 min Scan# 385

Delta R.T. -0.010 min

Lab File: VU046544.D

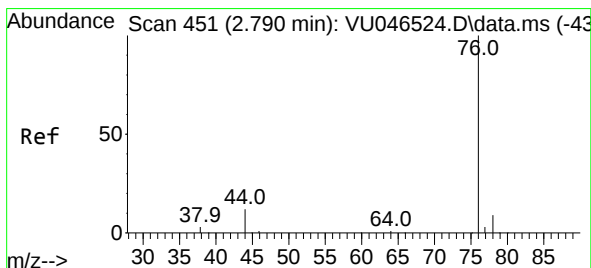
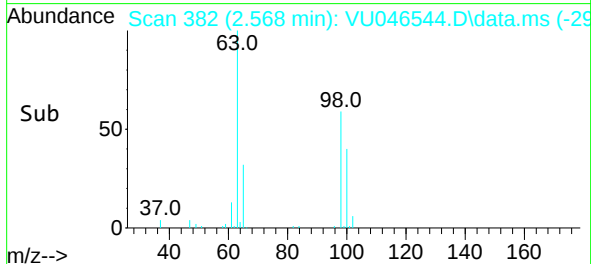
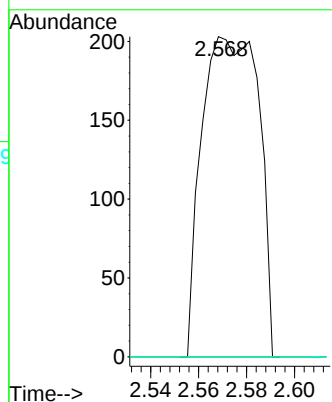
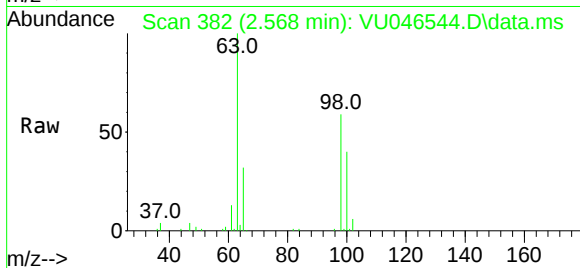
Acq: 21 Dec 2021 23:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	335
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	51.8#
151	0.0	56.1	84.1#



#14

Carbon disulfide

Concen: 0.348 ug/L

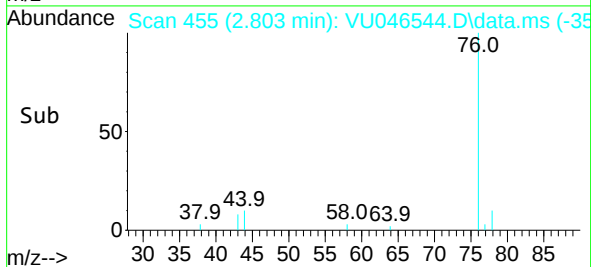
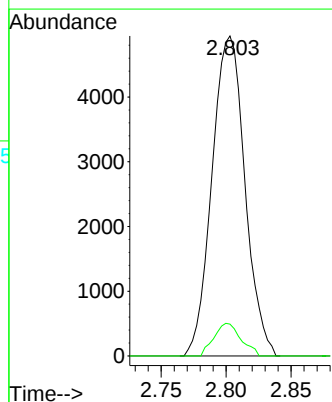
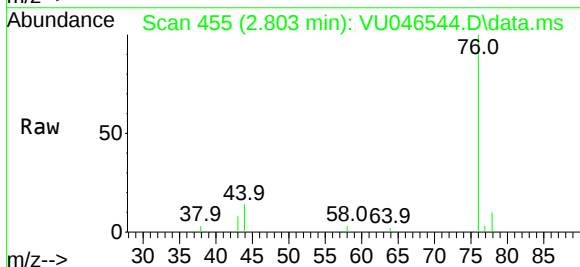
RT: 2.803 min Scan# 455

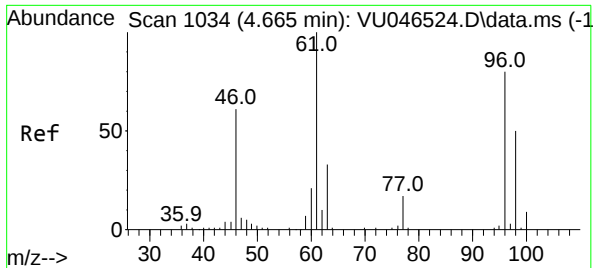
Delta R.T. 0.013 min

Lab File: VU046544.D

Acq: 21 Dec 2021 23:45

Tgt Ion:	76	Resp:	8724
Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.5	11.3





#22

cis-1,2-Dichloroethene

Concen: 2.744 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VU046544.D

Acq: 21 Dec 2021 23:45

Instrument :

MSVOA_U

ClientSampleId :

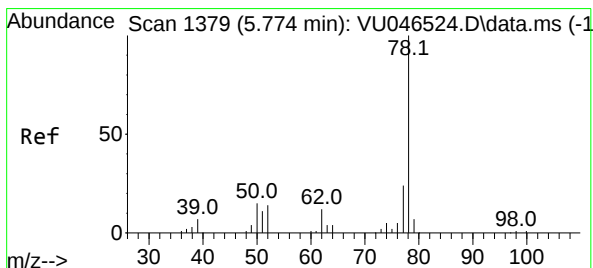
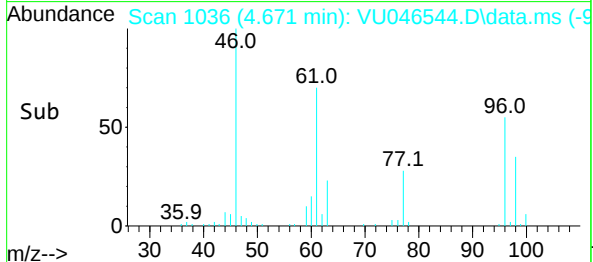
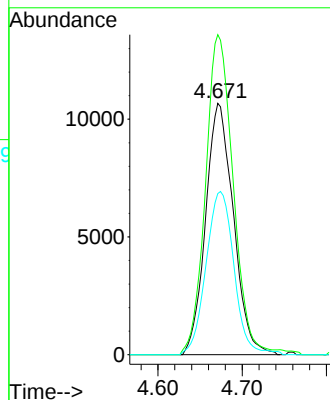
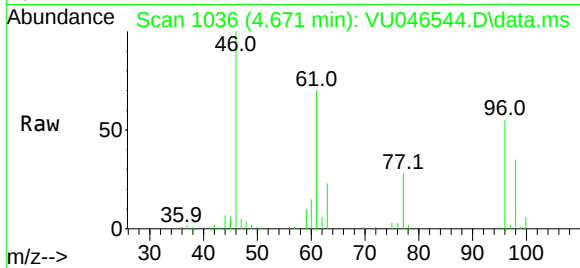
Tgt Ion: 96 Resp: 24527

Ion Ratio Lower Upper

96 100

61 127.3 88.5 164.3

98 64.1 44.4 82.5



#33

Benzene

Concen: 1.409 ug/L

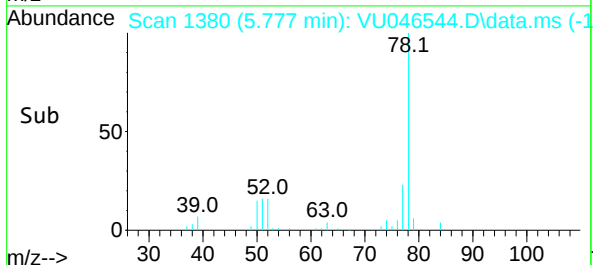
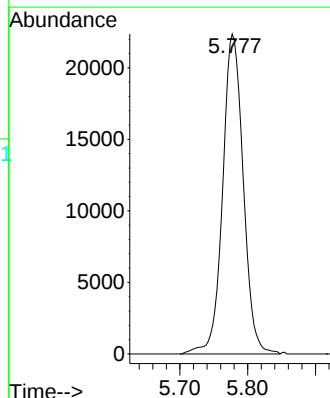
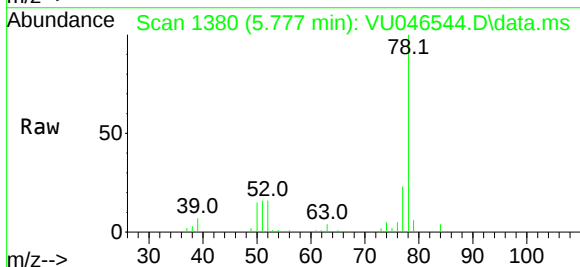
RT: 5.777 min Scan# 1380

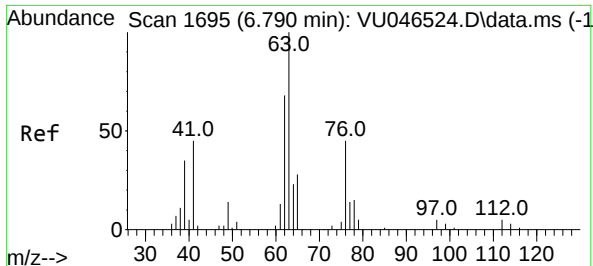
Delta R.T. 0.003 min

Lab File: VU046544.D

Acq: 21 Dec 2021 23:45

Tgt Ion: 78 Resp: 47337

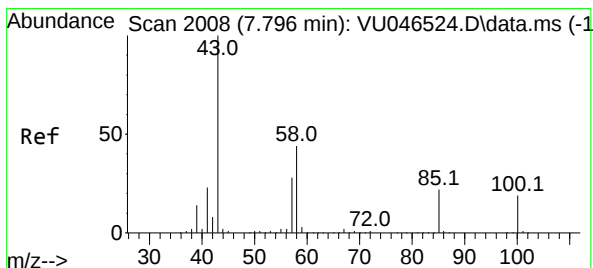
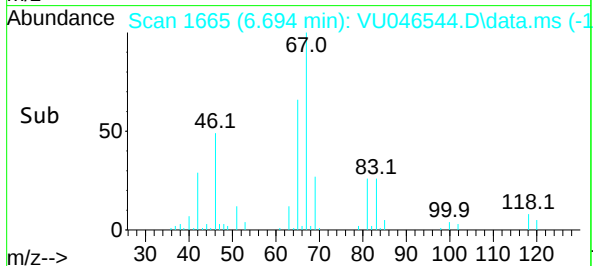
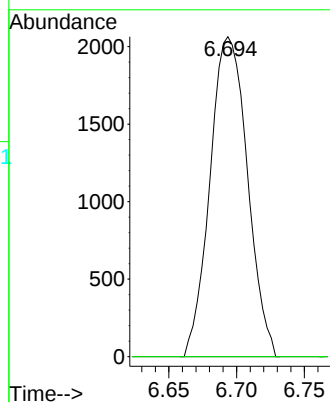
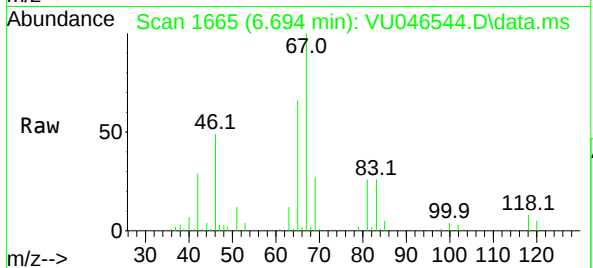




#37
1,2-Dichloropropane
Concen: 0.462 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU046544.D
Acq: 21 Dec 2021 23:45

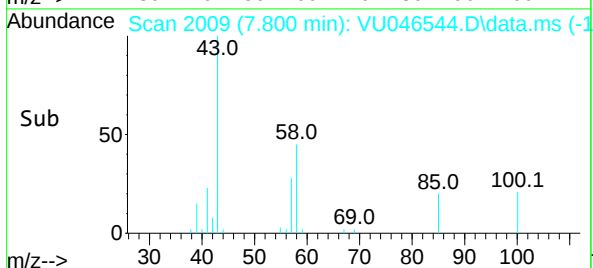
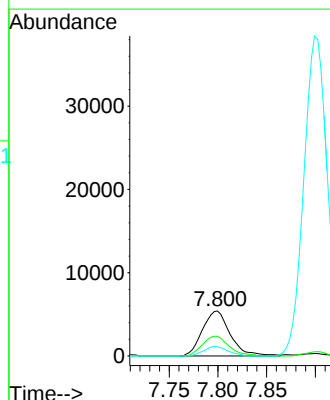
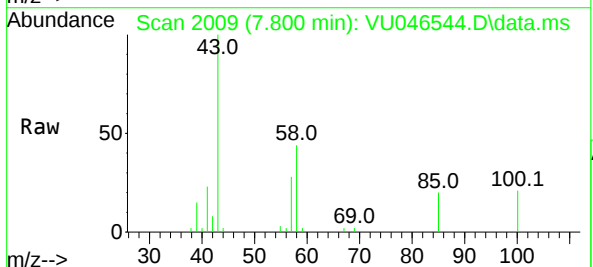
Instrument :
MSVOA_U
ClientSampleId :

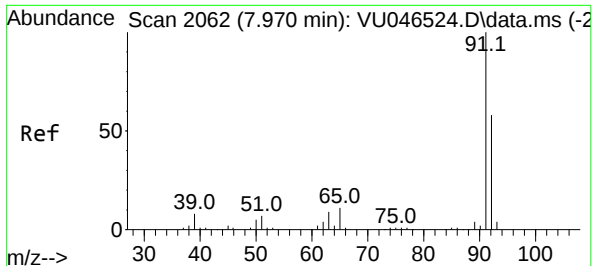
Tgt Ion: 63 Resp: 3964
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#40
4-Methyl-2-pentanone
Concen: 1.662 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. 0.003 min
Lab File: VU046544.D
Acq: 21 Dec 2021 23:45

Tgt Ion: 43 Resp: 10694
Ion Ratio Lower Upper
43 100
58 41.9 33.1 49.7
100 0.0 13.2 19.8#





#42

Toluene

Concen: 2.176 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU046544.D

Acq: 21 Dec 2021 23:45

Instrument :

MSVOA_U

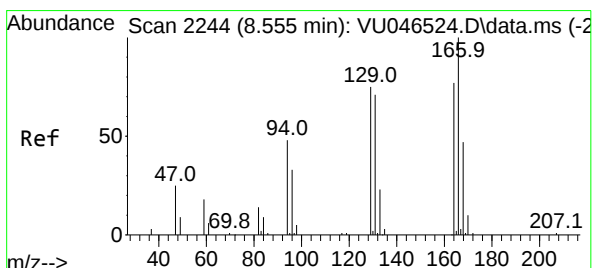
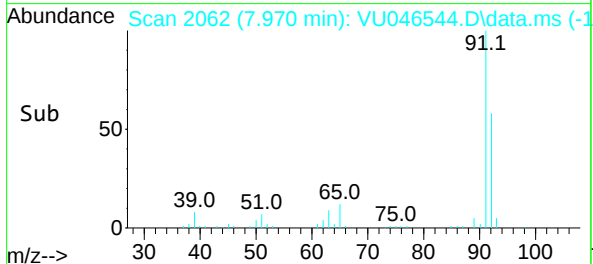
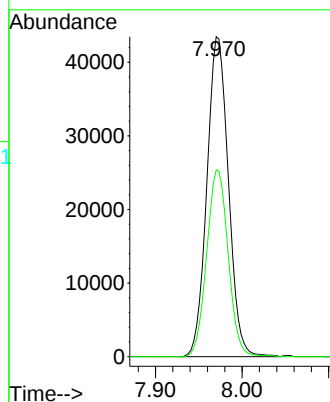
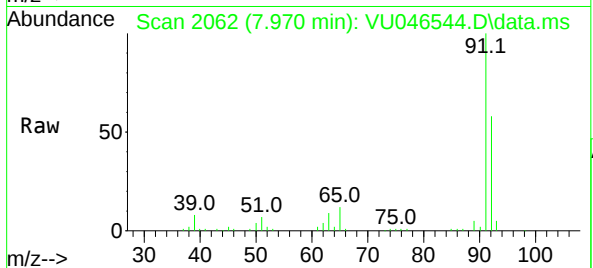
ClientSampleId :

Tgt Ion: 91 Resp: 75042

Ion Ratio Lower Upper

91 100

92 58.4 41.3 76.7



#47

Tetrachloroethene

Concen: 0.341 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU046544.D

Acq: 21 Dec 2021 23:45

Tgt Ion: 164 Resp: 2138

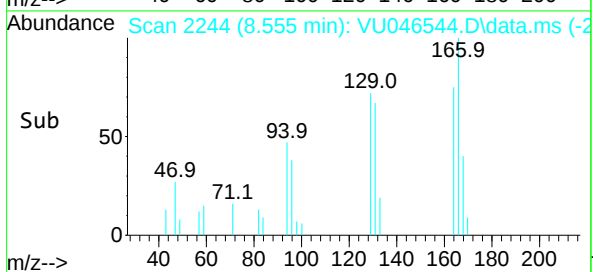
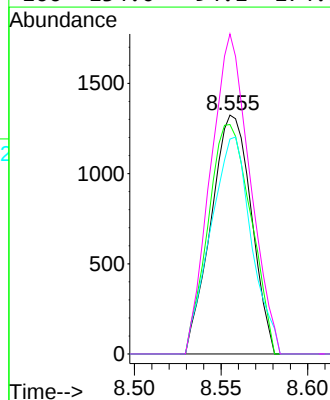
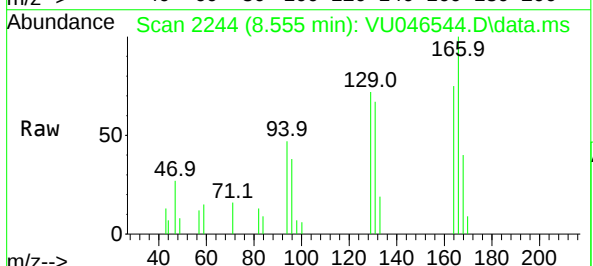
Ion Ratio Lower Upper

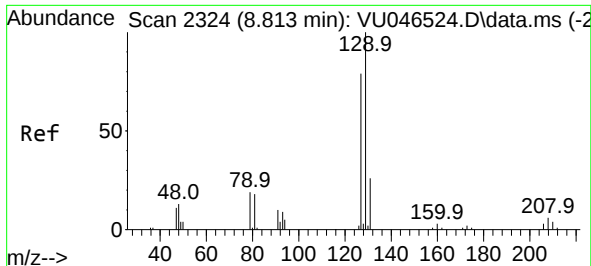
164 100

129 96.1 71.8 133.4

131 90.0 68.5 127.3

166 134.0 94.1 174.8





#49

Dibromochloromethane

Concen: 0.256 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046544.D

Acq: 21 Dec 2021 23:45

Instrument :

MSVOA_U

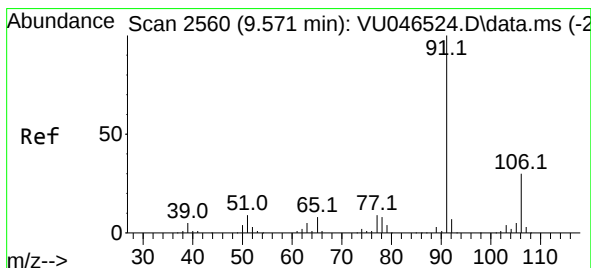
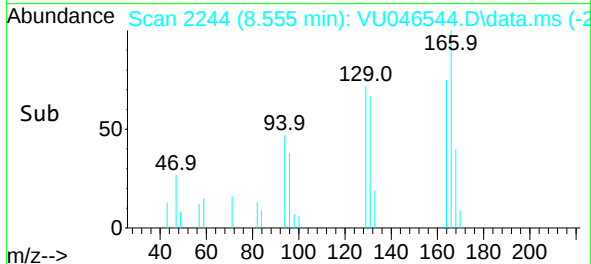
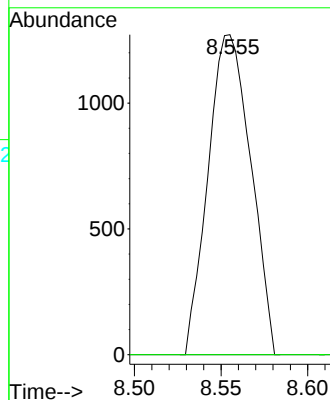
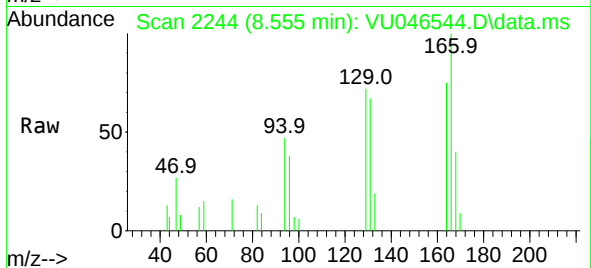
ClientSampleId :

Tgt Ion:129 Resp: 2182

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#52

Ethylbenzene

Concen: 0.652 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU046544.D

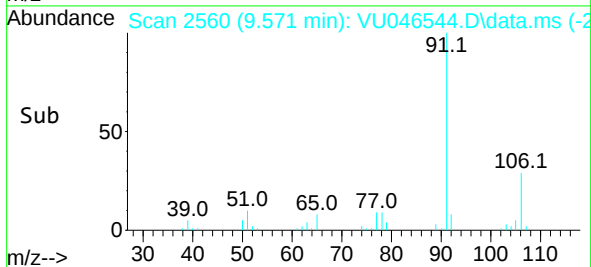
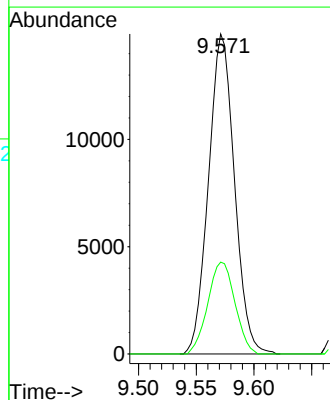
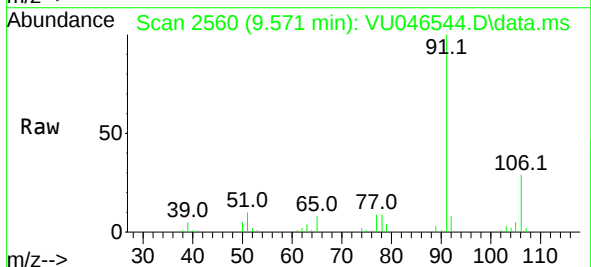
Acq: 21 Dec 2021 23:45

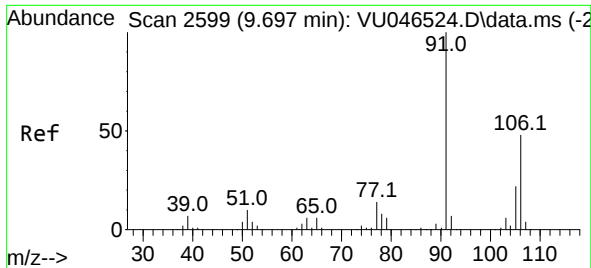
Tgt Ion: 91 Resp: 23288

Ion Ratio Lower Upper

91 100

106 28.7 21.5 39.9

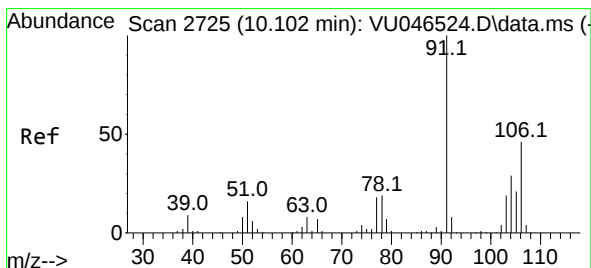
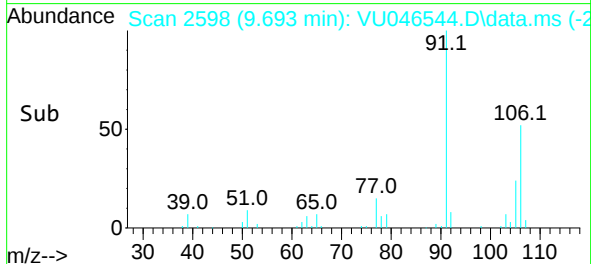
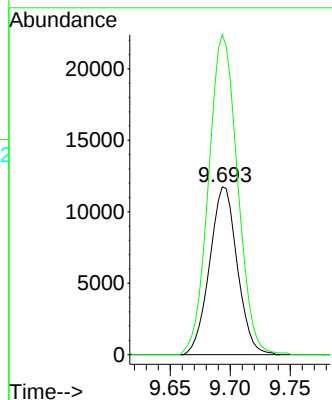
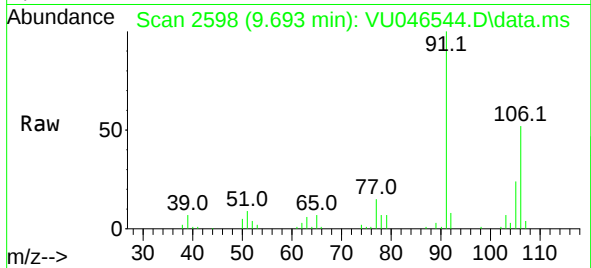




#53
m,p-Xylene
Concen: 1.376 ug/L
RT: 9.693 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU046544.D
Acq: 21 Dec 2021 23:45

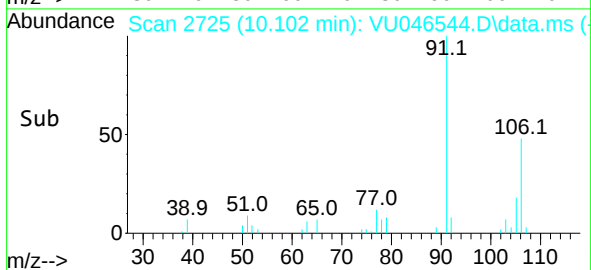
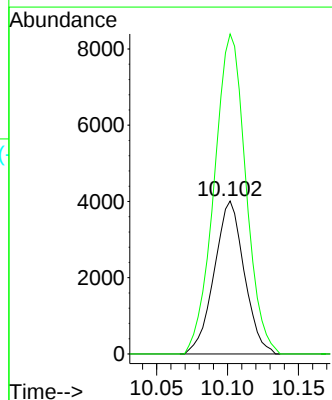
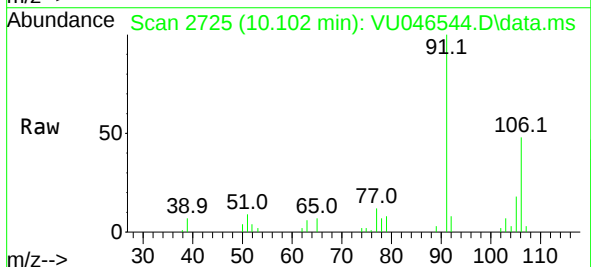
Instrument :
MSVOA_U
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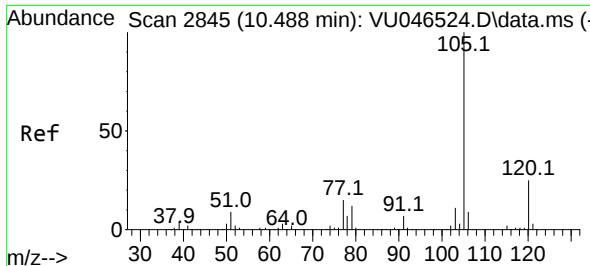
Tgt Ion:106 Resp: 18826
Ion Ratio Lower Upper
106 100
91 190.6 139.4 259.0



#54
o-Xylene
Concen: 0.450 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU046544.D
Acq: 21 Dec 2021 23:45

Tgt Ion:106 Resp: 5912
Ion Ratio Lower Upper
106 100
91 209.1 147.5 273.9

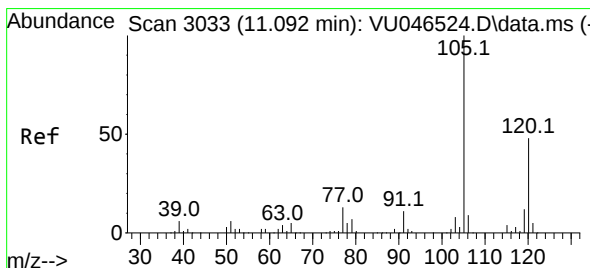
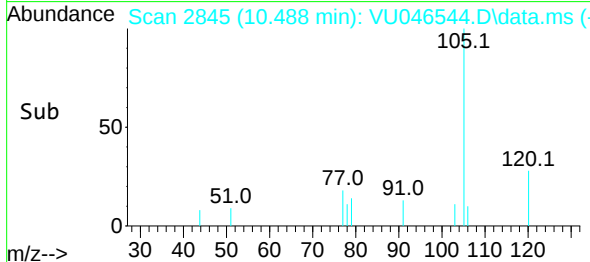
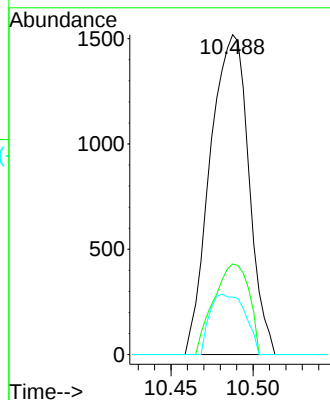
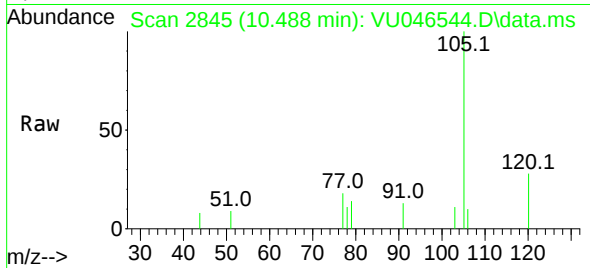




#60
Isopropylbenzene
Concen: 0.074 ug/L
RT: 10.488 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046544.D
Acq: 21 Dec 2021 23:45

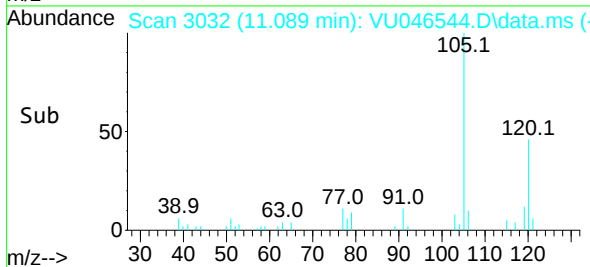
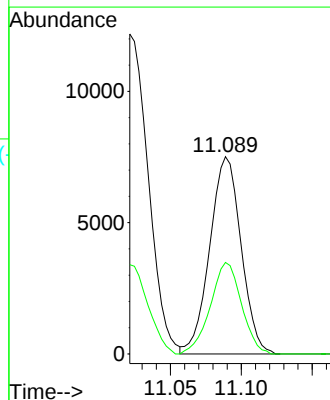
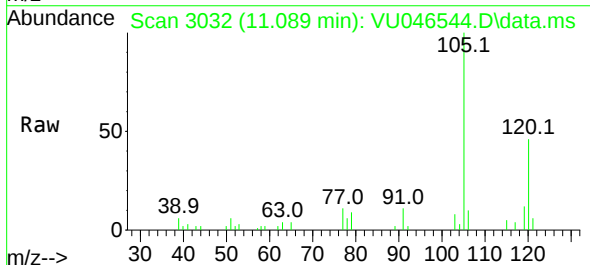
Instrument :
MSVOA_U
ClientSampleId :

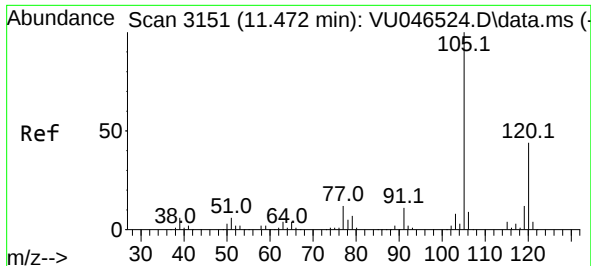
Tgt Ion:105 Resp: 2481
Ion Ratio Lower Upper
105 100
120 0.0 20.7 31.1#
77 17.3 12.6 19.0



#62
1,3,5-Trimethylbenzene
Concen: 0.416 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU046544.D
Acq: 21 Dec 2021 23:45

Tgt Ion:105 Resp: 11554
Ion Ratio Lower Upper
105 100
120 46.0 38.3 57.5





#63

1,2,4-Trimethylbenzene

Concen: 2.072 ug/L

RT: 11.468 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VU046544.D

Acq: 21 Dec 2021 23:45

Instrument :

MSVOA_U

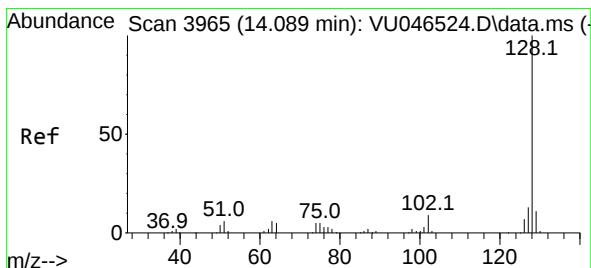
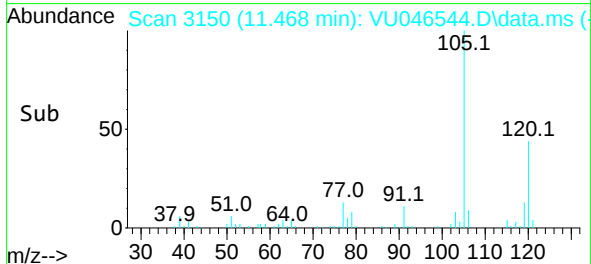
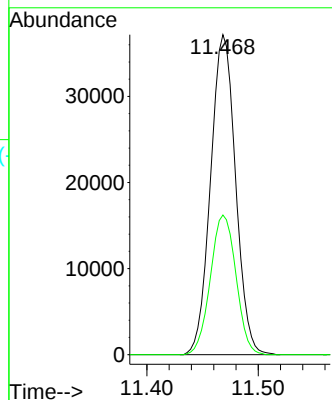
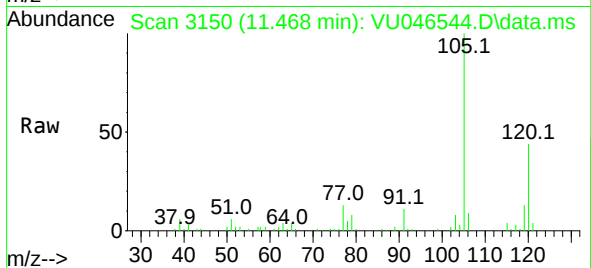
ClientSampleId :

Tgt Ion:105 Resp: 57950

Ion Ratio Lower Upper

105 100

120 44.7 35.8 53.8



#71

Naphthalene

Concen: 2.260 ug/L

RT: 14.085 min Scan# 3964

Delta R.T. -0.003 min

Lab File: VU046544.D

Acq: 21 Dec 2021 23:45

Tgt Ion:128 Resp: 52228

Ion Ratio Lower Upper

128 100

129 12.3 8.4 12.6

127 13.0 10.2 15.2

