

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
 Data File : VW026775.D
 Acq On : 18 Aug 2023 17:21
 Operator : SY/MD
 Sample : 04037-13
 Misc : 6.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYH2

Quant Time: Aug 18 23:46:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 18 23:42:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	658523	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	450015	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	106487	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	166272	15.359	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.440%
7) Chloroethane-d5	2.893	69	147315	18.301	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	4.027	65	108504	20.379	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.520%
21) 2-Butanone-d5	7.075	46	196896	63.282	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.560%
24) Chloroform-d	7.648	84	533589	24.142	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.560%
26) 1,2-Dichloroethane-d4	8.307	65	331037	27.141	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.560%
32) Benzene-d6	8.276	84	1104973	35.627	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	142.520%#
36) 1,2-Dichloropropane-d6	9.270	67	361726	37.443	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	149.760%#
41) Toluene-d8	10.324	98	776058	29.150	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.600%
43) trans-1,3-Dichloroprop...	10.574	79	124038	31.097	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	124.400%
47) 2-Hexanone-d5	10.922	63	101253	99.744	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	199.480%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	234523	30.739	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.960%#
66) 1,2-Dichlorobenzene-d4	13.848	152	110968	29.114	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.440%
Target Compounds	Qvalue					
13) Acetone	4.137	43	16584	5.361	ug/L	74
14) Carbon disulfide	4.393	76	109064	3.115	ug/L	98
16) Methylene chloride	4.923	84	69998	5.495	ug/L	93
19) 1,1-Dichloroethane	6.222	63	24396	1.091	ug/L	98
25) Chloroform	7.679	83	23961	1.109	ug/L	94
29) Cyclohexane	7.959	56	35625	2.560	ug/L #	85
30) 1,1,1-Trichloroethane	7.868	97	13842	1.179	ug/L #	89
33) Benzene	8.325	78	40814	1.245	ug/L	100
35) Methylcyclohexane	9.331	83	82640	5.788	ug/L #	81
42) Toluene	10.385	91	221869	6.693	ug/L	99
52) Ethylbenzene	11.727	91	52904	1.423	ug/L	98
53) m,p-Xylene	11.830	106	40341	2.929	ug/L	88
54) o-Xylene	12.166	106	16172	1.258	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	18695	1.494	ug/L	91
63) 1,2,4-Trimethylbenzene	13.251	105	40138	3.273	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	6603	1.674	ug/L #	72

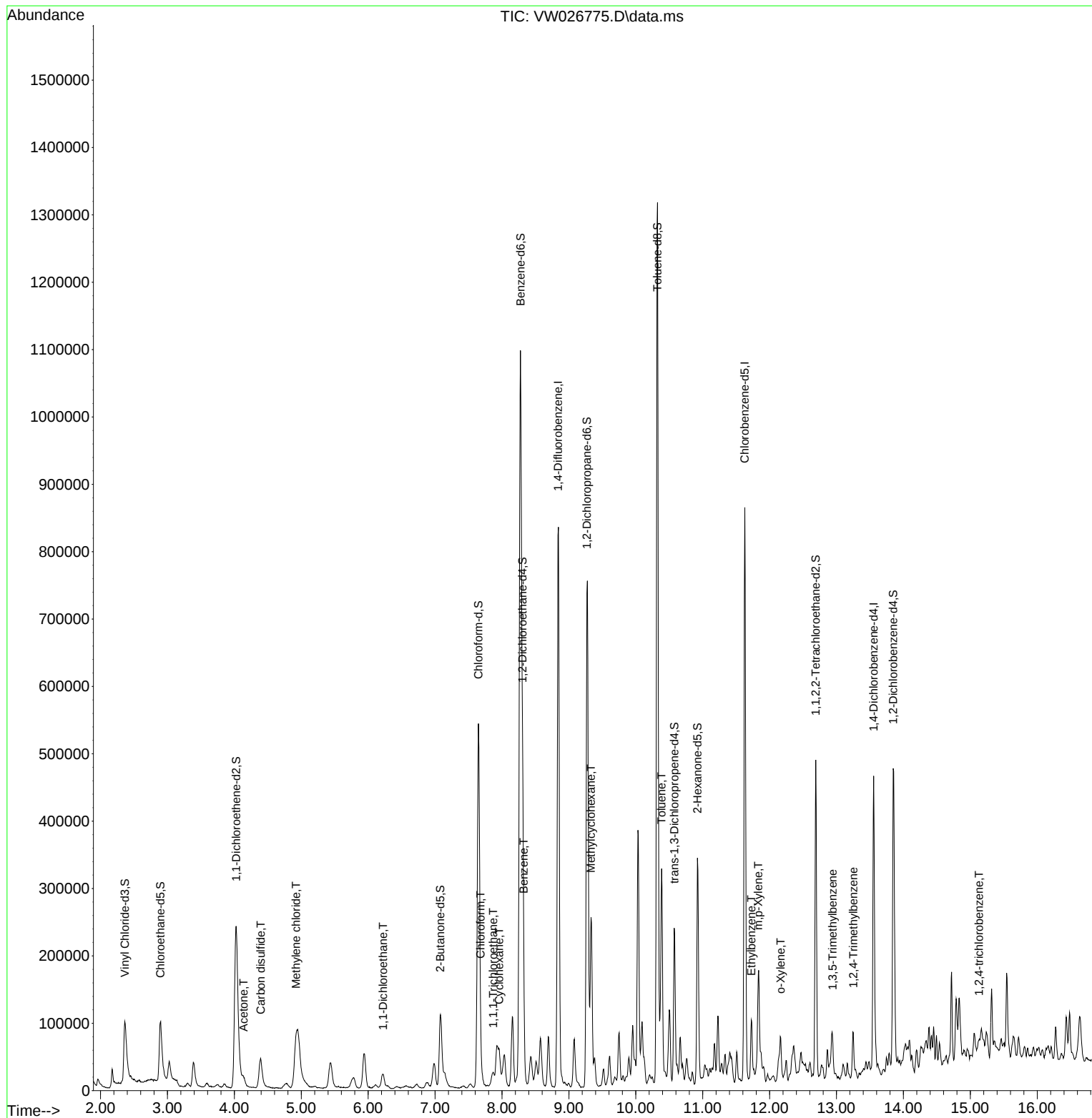
(#) = qualifier out of range (m) = manual integration (+) = signals summed

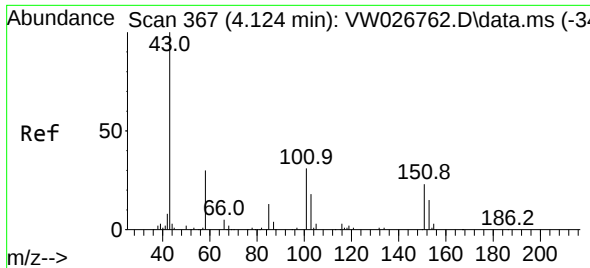
Instrument :
MSVOA_W
ClientSampleId :
EZYH2

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026775.D
Acq On : 18 Aug 2023 17:21
Operator : SY/MD
Sample : 04037-13
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH2

Quant Time: Aug 18 23:46:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 18 23:42:21 2023
Response via : Initial Calibration





#13

Acetone

Concen: 5.361 ug/L

RT: 4.137 min Scan# 369

Delta R.T. 0.012 min

Lab File: VW026775.D

Acq: 18 Aug 2023 17:21

Instrument :

MSVOA_W

ClientSampleId :

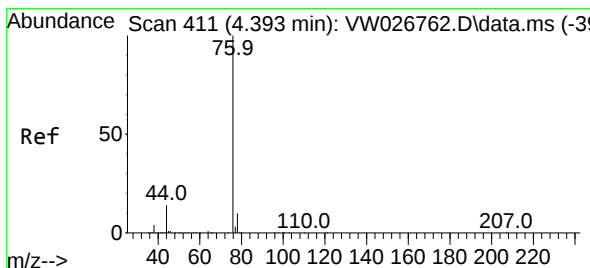
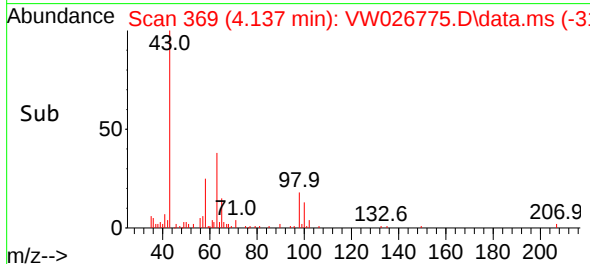
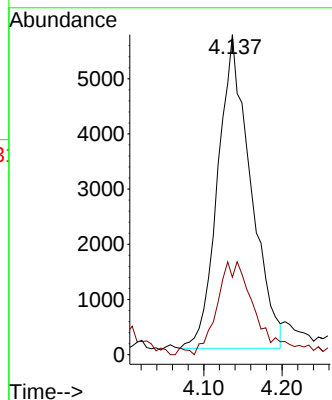
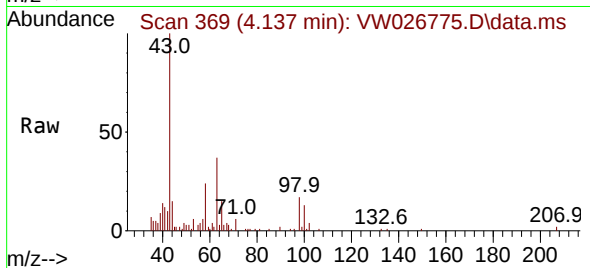
EZYH2

Tgt Ion: 43 Resp: 16584

Ion Ratio Lower Upper

43 100

58 15.1 0.0 57.4



#14

Carbon disulfide

Concen: 3.115 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW026775.D

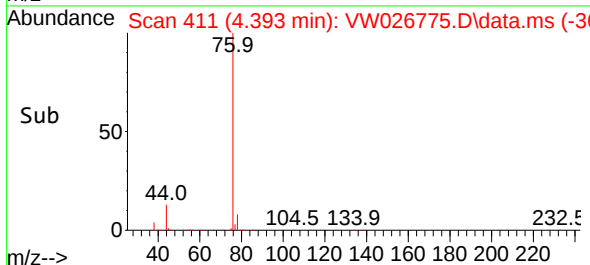
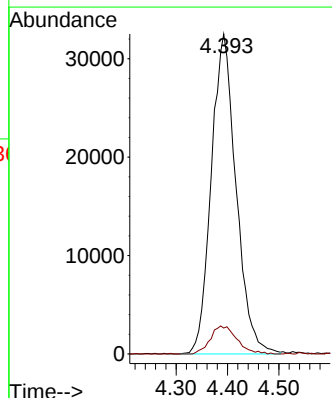
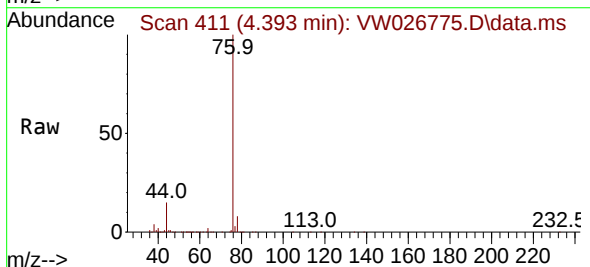
Acq: 18 Aug 2023 17:21

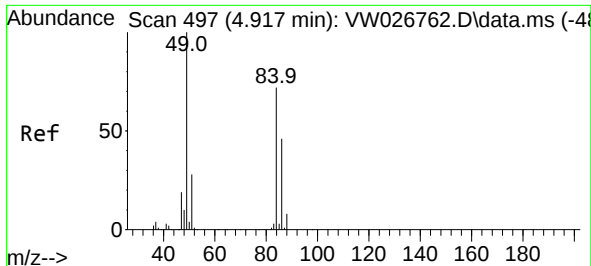
Tgt Ion: 76 Resp: 109064

Ion Ratio Lower Upper

76 100

78 8.1 7.1 10.7

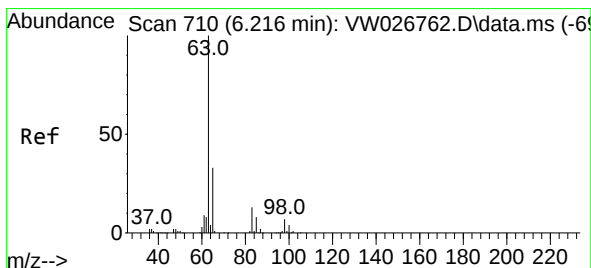
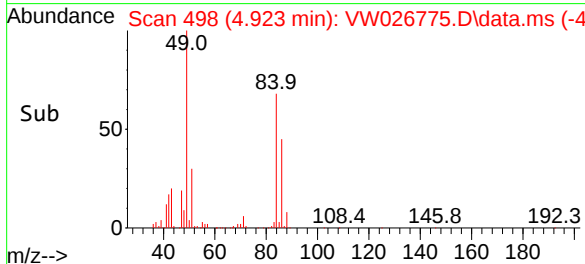
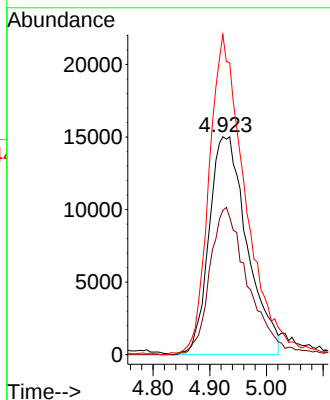
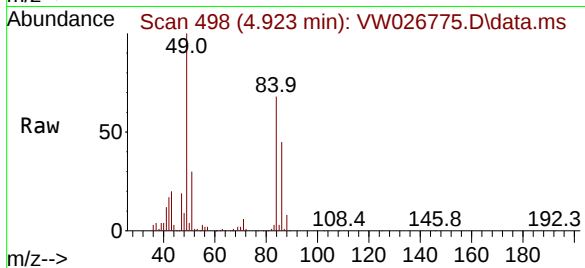




#16
Methylene chloride
Concen: 5.495 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

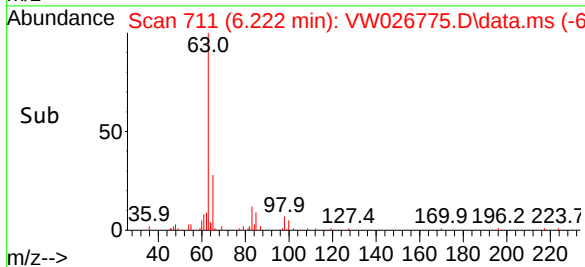
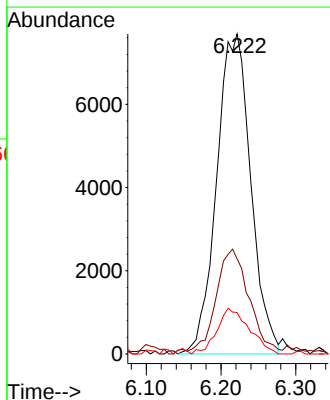
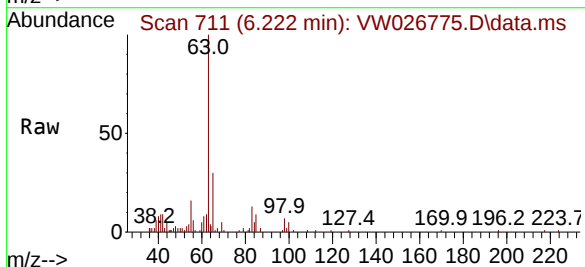
Instrument :
MSVOA_W
ClientSampleId :
EZYH2

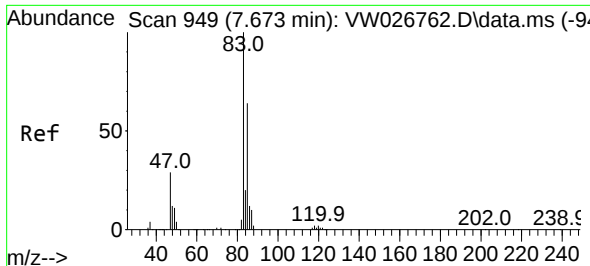
Tgt Ion: 84 Resp: 69998
Ion Ratio Lower Upper
84 100
86 66.2 43.5 80.9
49 146.8 96.0 178.2



#19
1,1-Dichloroethane
Concen: 1.091 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Tgt Ion: 63 Resp: 24396
Ion Ratio Lower Upper
63 100
65 29.7 21.8 40.6
83 13.0 9.0 16.6

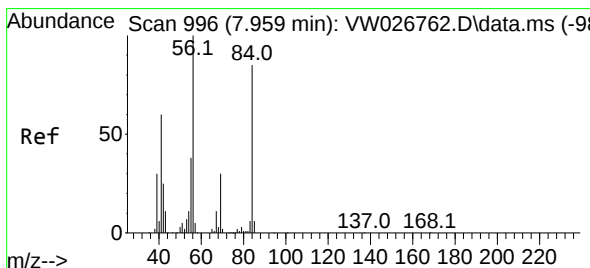
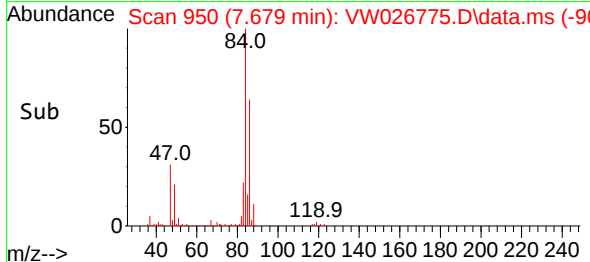
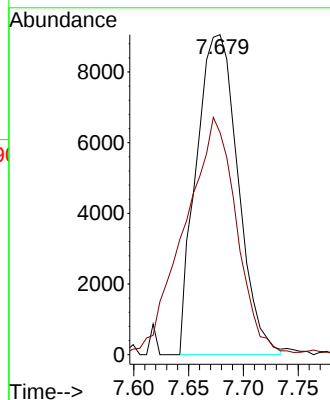
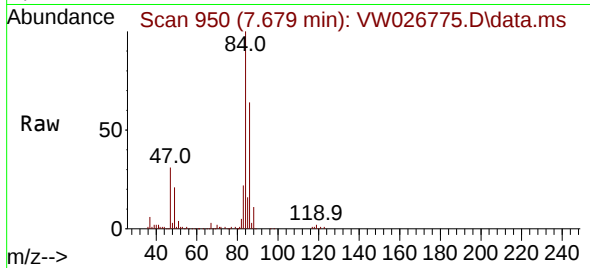




#25
Chloroform
Concen: 1.109 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

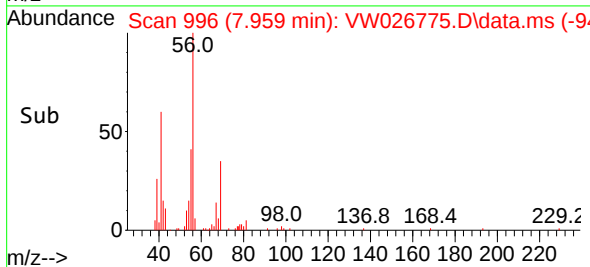
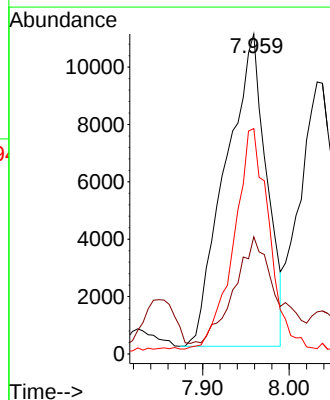
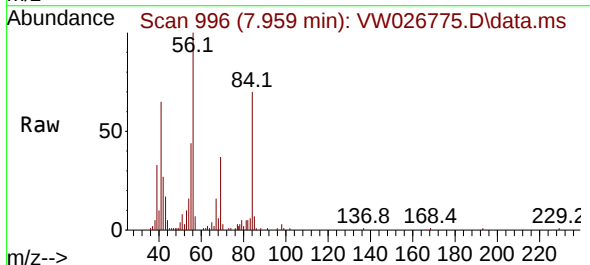
Instrument :
MSVOA_W
ClientSampleId :
EZYH2

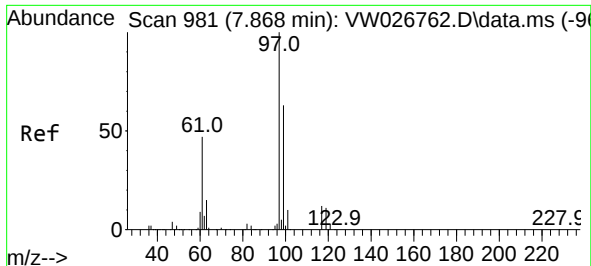
Tgt Ion: 83 Resp: 23961
Ion Ratio Lower Upper
83 100
85 69.4 45.4 84.2



#29
Cyclohexane
Concen: 2.560 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Tgt Ion: 56 Resp: 35625
Ion Ratio Lower Upper
56 100
69 29.4 23.2 34.8
84 60.4 62.7 94.1#





#30

1,1,1-Trichloroethane

Concen: 1.179 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.000 min

Lab File: VW026775.D

Acq: 18 Aug 2023 17:21

Instrument :

MSVOA_W

ClientSampleId :

EZYH2

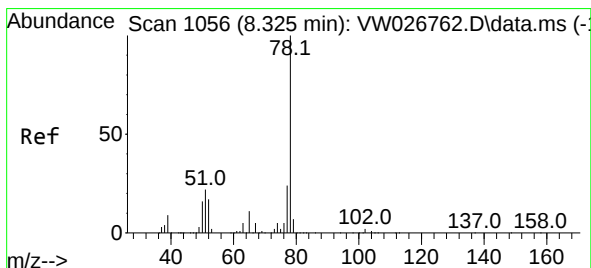
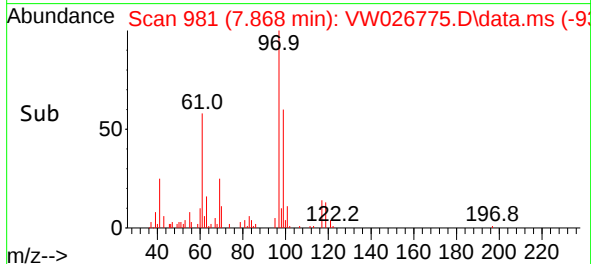
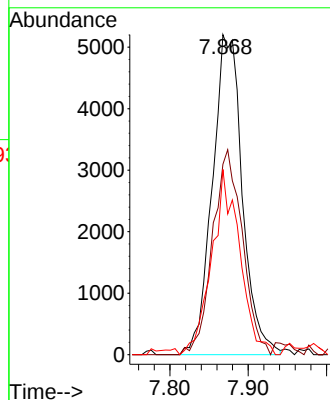
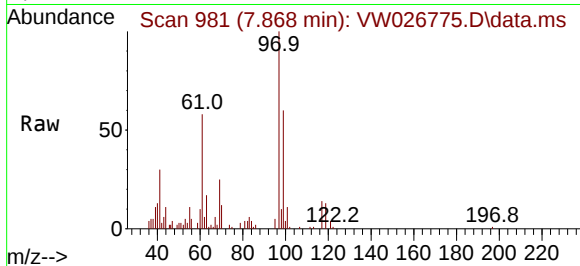
Tgt Ion: 97 Resp: 13842

Ion Ratio Lower Upper

97 100

99 63.7 51.2 76.8

61 32.2 39.2 58.8#



#33

Benzene

Concen: 1.245 ug/L

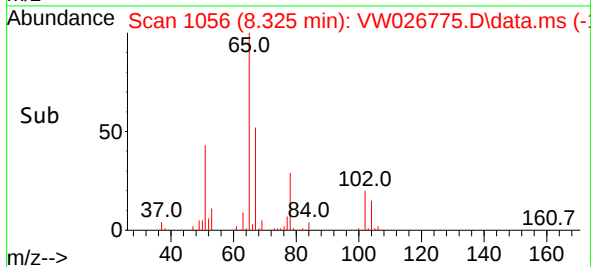
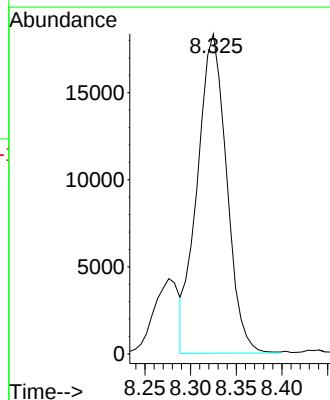
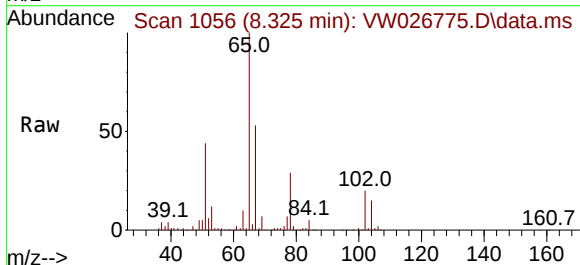
RT: 8.325 min Scan# 1056

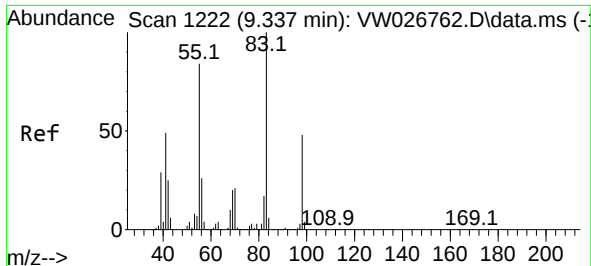
Delta R.T. -0.000 min

Lab File: VW026775.D

Acq: 18 Aug 2023 17:21

Tgt Ion: 78 Resp: 40814

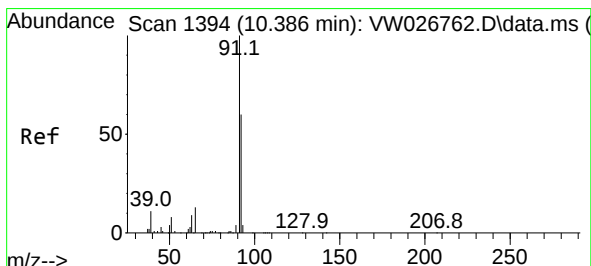
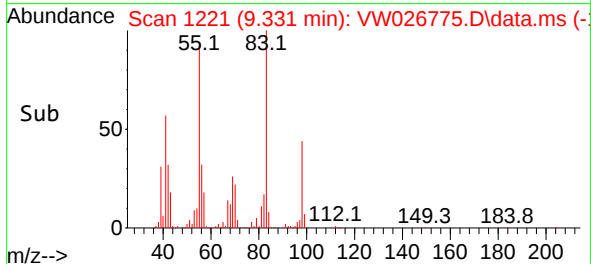
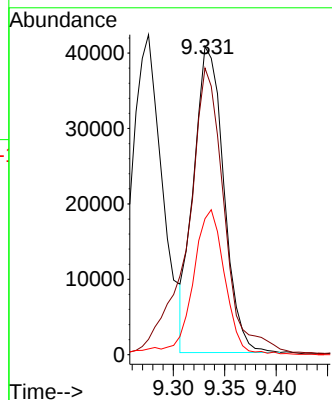
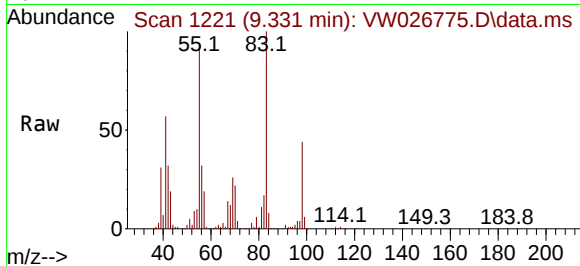




#35
Methylcyclohexane
Concen: 5.788 ug/L
RT: 9.331 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

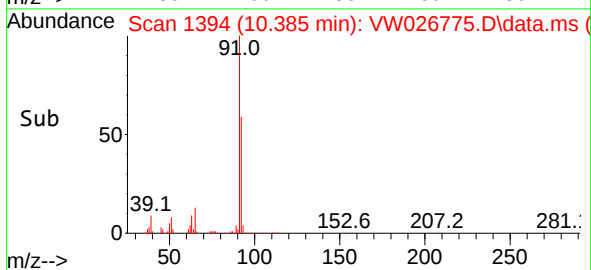
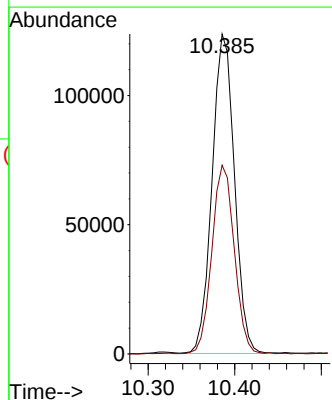
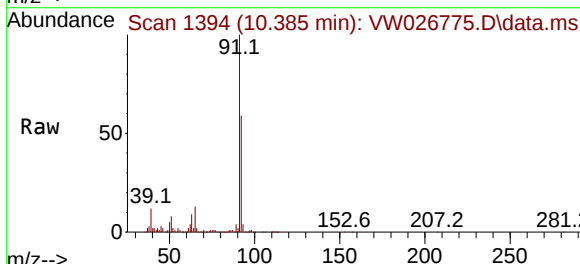
Instrument :
MSVOA_W
ClientSampleId :
EZYH2

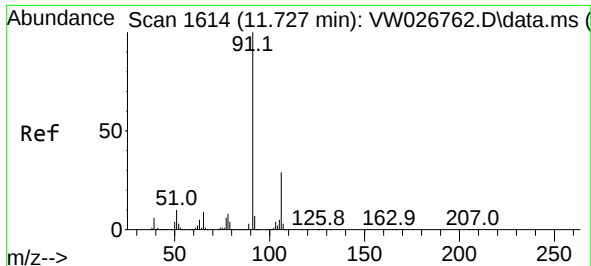
Tgt Ion: 83 Resp: 82640
Ion Ratio Lower Upper
83 100
55 113.4 69.3 103.9#
98 47.4 37.4 56.0



#42
Toluene
Concen: 6.693 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Tgt Ion: 91 Resp: 221869
Ion Ratio Lower Upper
91 100
92 58.9 40.8 75.8

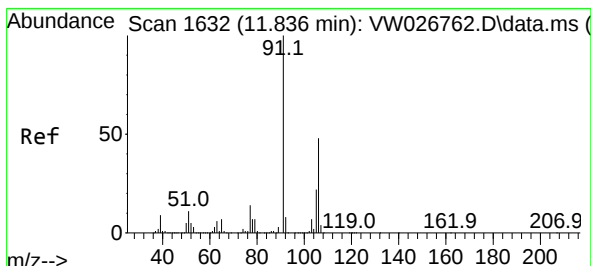
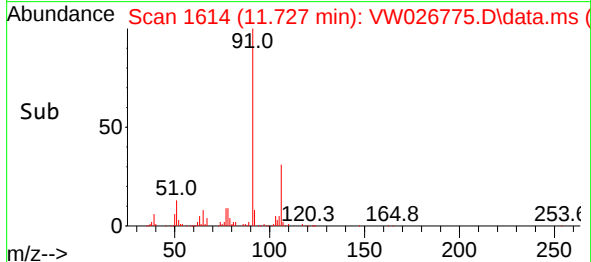
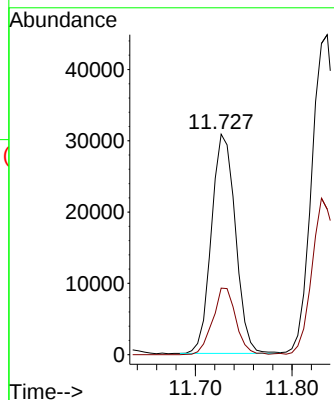
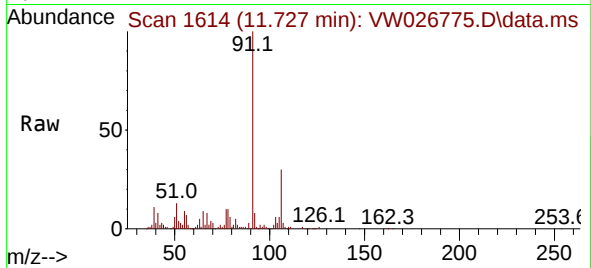




#52
Ethylbenzene
Concen: 1.423 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

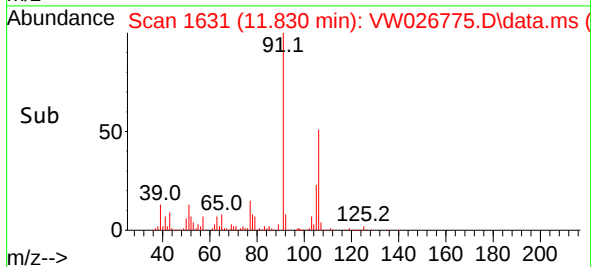
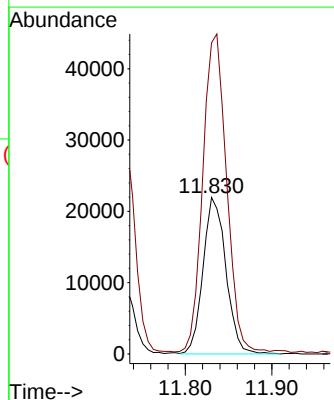
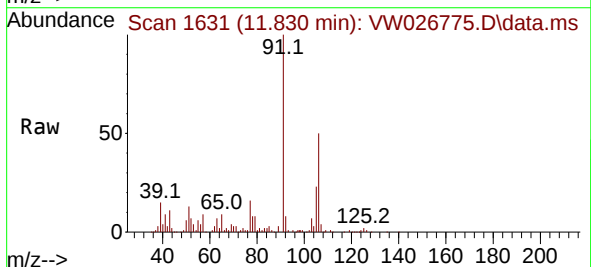
Instrument :
MSVOA_W
ClientSampleId :
EZYH2

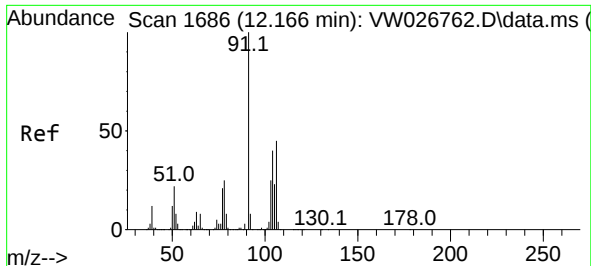
Tgt Ion: 91 Resp: 52904
Ion Ratio Lower Upper
91 100
106 30.2 20.2 37.6



#53
m,p-Xylene
Concen: 2.929 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Tgt Ion:106 Resp: 40341
Ion Ratio Lower Upper
106 100
91 198.8 152.9 284.1

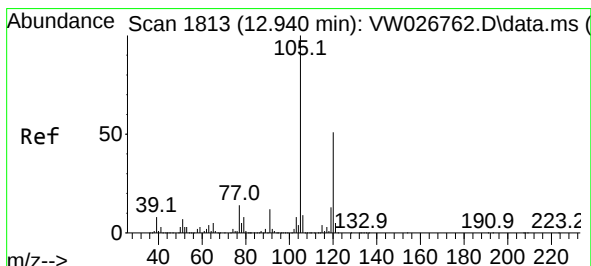
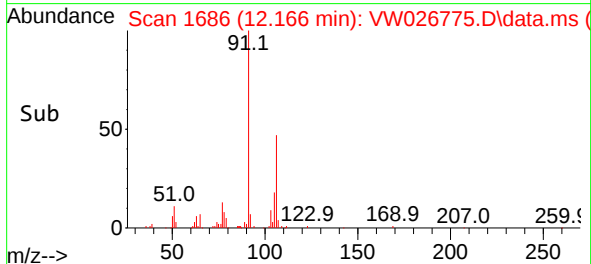
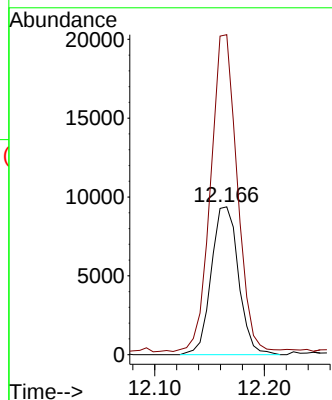
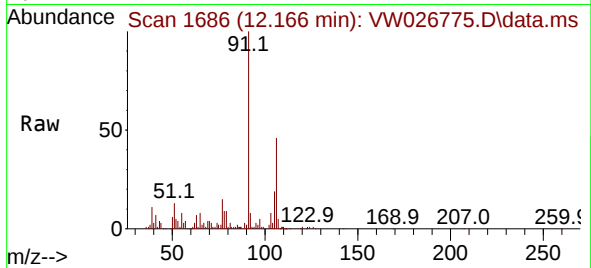




#54
o-Xylene
Concen: 1.258 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

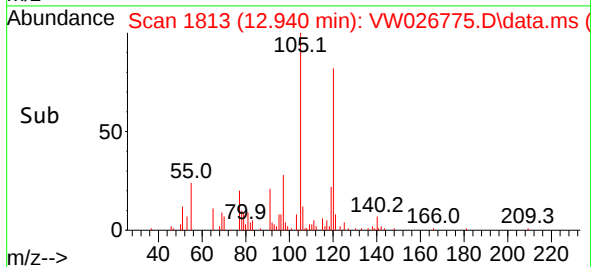
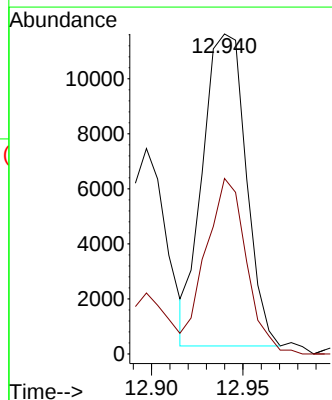
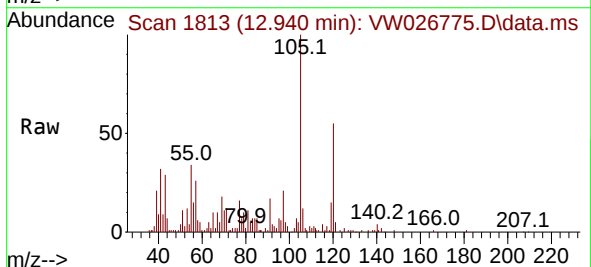
Instrument :
MSVOA_W
ClientSampleId :
EZYH2

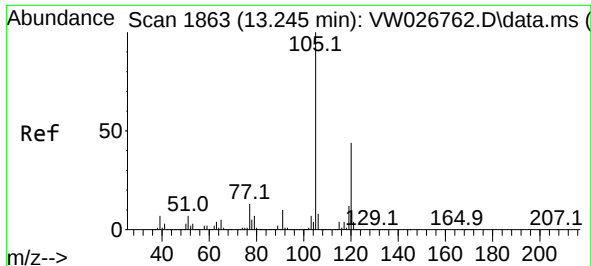
Tgt Ion:106 Resp: 16172
Ion Ratio Lower Upper
106 100
91 216.4 149.9 278.3



#62
1,3,5-Trimethylbenzene
Concen: 1.494 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Tgt Ion:105 Resp: 18695
Ion Ratio Lower Upper
105 100
120 53.0 37.4 56.2

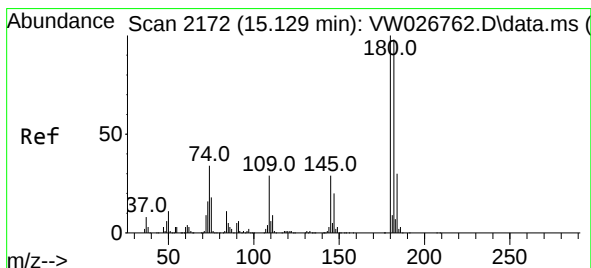
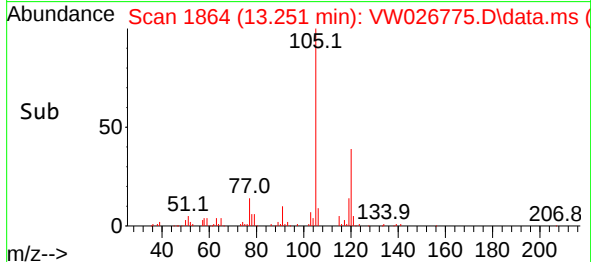
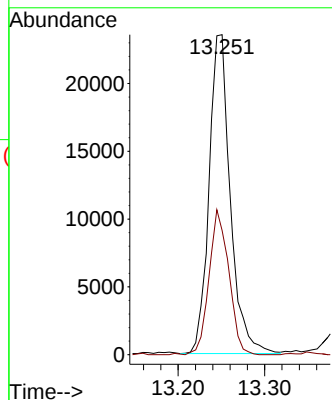
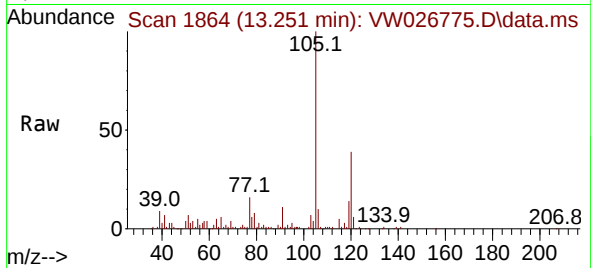




#63
1,2,4-Trimethylbenzene
Concen: 3.273 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Instrument :
MSVOA_W
ClientSampleId :
EZYH2

Tgt Ion:105 Resp: 40138
Ion Ratio Lower Upper
105 100
120 42.1 36.2 54.4



#70
1,2,4-trichlorobenzene
Concen: 1.674 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Tgt Ion:180 Resp: 6603
Ion Ratio Lower Upper
180 100
182 94.0 72.5 108.7
145 85.2 24.7 37.1#

