

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033311.D
 Acq On : 14 Dec 2023 05:31
 Operator : SY/MD
 Sample : 05770-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY83

Quant Time: Dec 14 05:56:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 14 01:07:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	131606	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	131249	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	66130	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38618	4.577	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.532	69	31431	5.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.060	65	15951	4.750	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	3.802	46	52559	52.643	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.280%
24) Chloroform-d	4.249	84	91193	5.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	4.944	65	42080	5.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	4.960	84	169145	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	5.989	67	40895	5.292	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.243	98	157254	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	7.558	79	16678	4.731	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.027	63	52941	53.790	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.580%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	27130	5.191	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	64042	5.498	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1025	0.109	ug/L	99
13) Acetone	2.137	43	1657	2.345	ug/L #	49
14) Carbon disulfide	2.243	76	3894	0.159	ug/L #	91
33) Benzene	5.018	78	9929	0.282	ug/L	100
34) Trichloroethene	5.841	95	7440	0.726	ug/L	94
35) Methylcyclohexane	6.050	83	2086	0.137	ug/L	92
37) 1,2-Dichloropropane	5.992	63	5447	0.770	ug/L #	81
38) Bromodichloromethane	6.442	83	974	0.086	ug/L #	78
39) cis-1,3-Dichloropropene	6.912	75	1403	0.122	ug/L #	71
42) Toluene	7.317	91	101202	2.512	ug/L	99
52) Ethylbenzene	8.950	91	8085	0.179	ug/L	93
53) m,p-Xylene	9.079	106	4873	0.262	ug/L	93
54) o-Xylene	9.481	106	1927	0.110	ug/L	86
60) Isopropylbenzene	10.394	105	3145	0.072	ug/L	91
61) 1,2,3-Trichloropropane	11.185	75	5501	1.570	ug/L #	53
63) 1,2,4-Trimethylbenzene	10.860	105	4517	0.127	ug/L	97

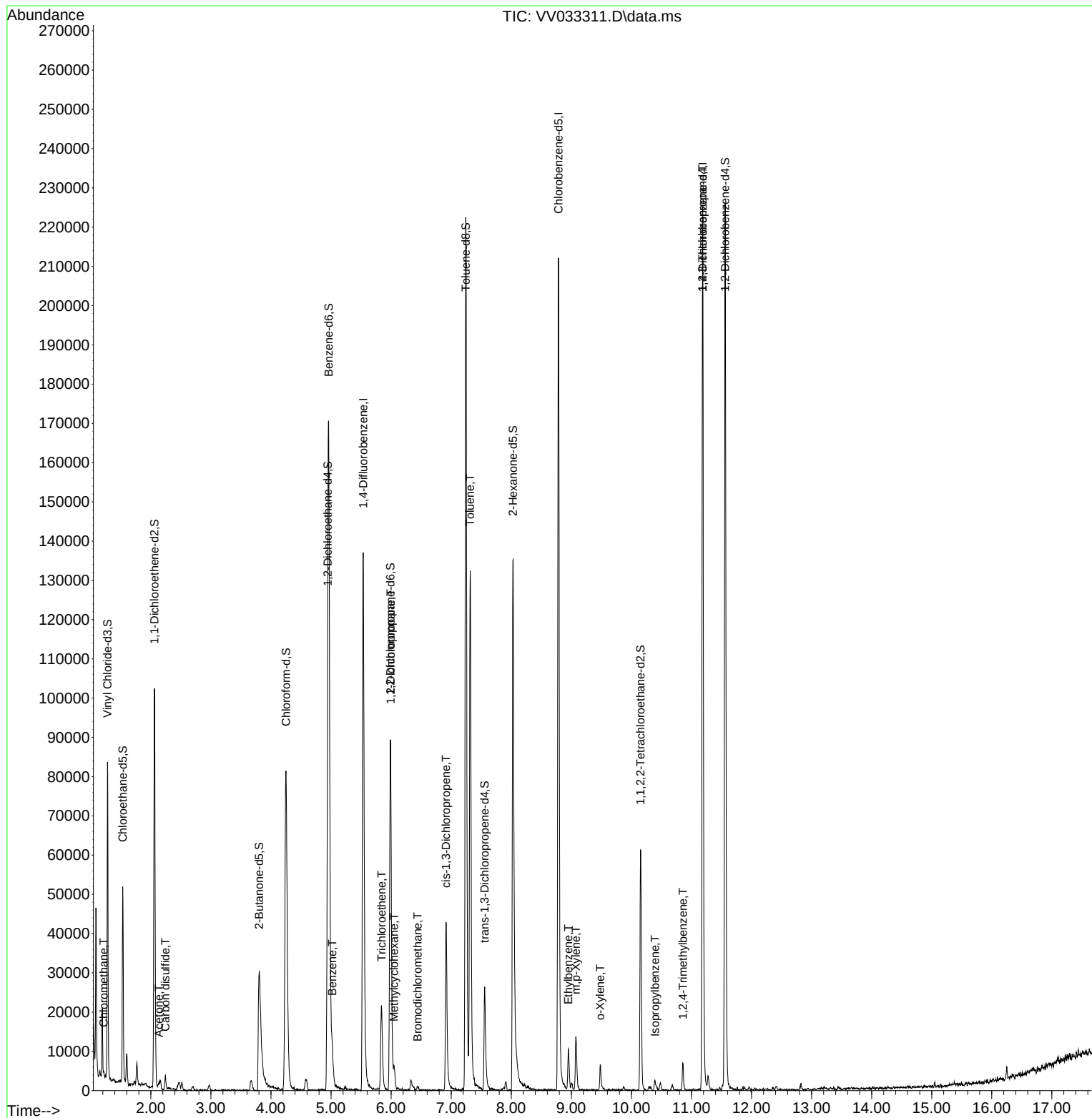
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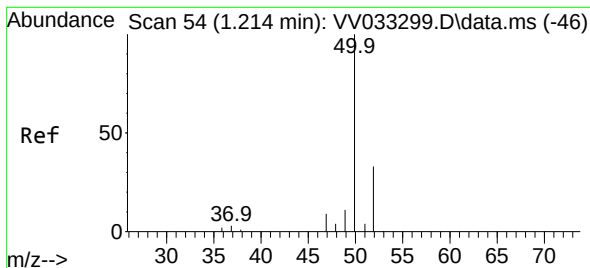
Instrument :
MSVOA_V
ClientSampleId :
E0Y83

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QLast Update : Thu Dec 14 01:07:25 2023
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.109 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV033311.D

Acq: 14 Dec 2023 05:31

Instrument :

MSVOA_V

ClientSampleId :

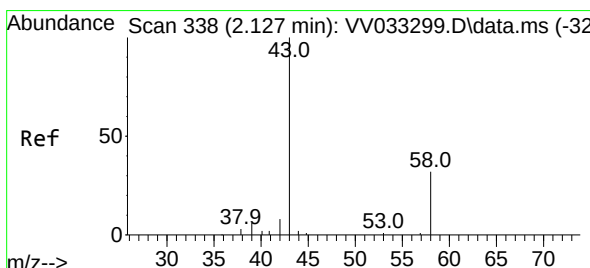
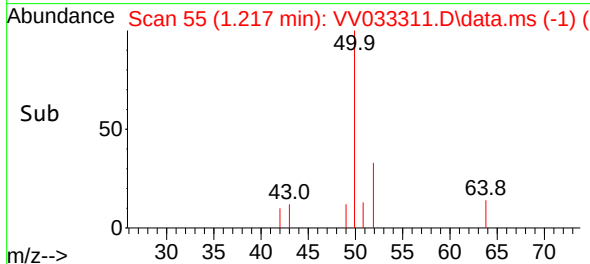
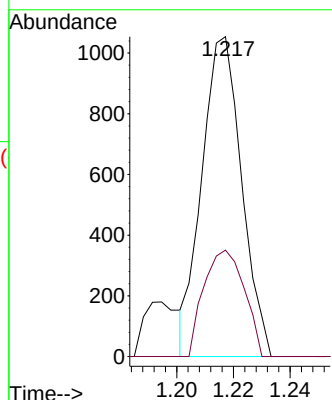
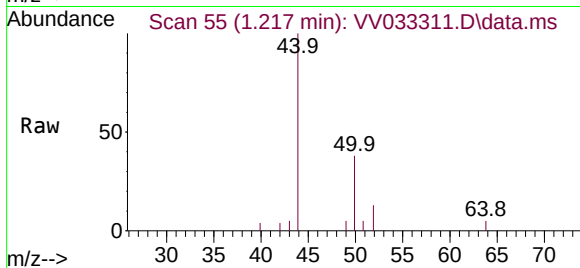
E0Y83

Tgt Ion: 50 Resp: 1025

Ion Ratio Lower Upper

50 100

52 33.3 23.8 44.2



#13

Acetone

Concen: 2.345 ug/L

RT: 2.137 min Scan# 341

Delta R.T. 0.010 min

Lab File: VV033311.D

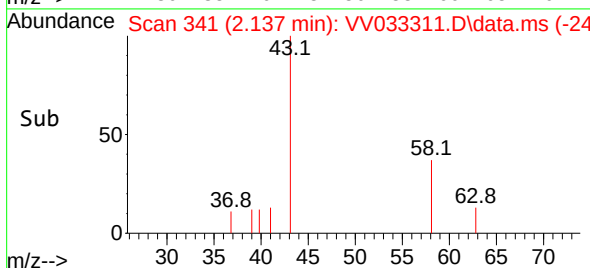
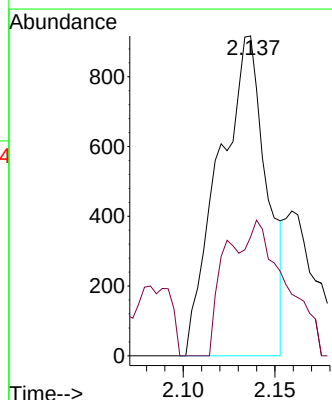
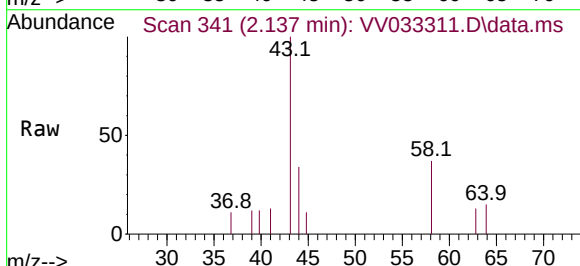
Acq: 14 Dec 2023 05:31

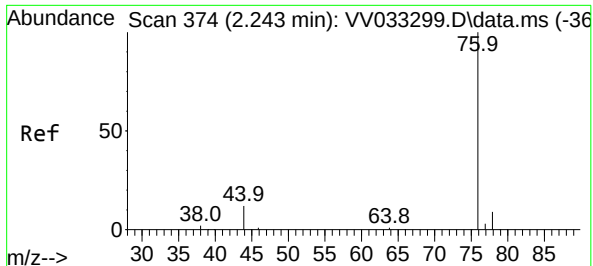
Tgt Ion: 43 Resp: 1657

Ion Ratio Lower Upper

43 100

58 36.3 0.0 30.2#

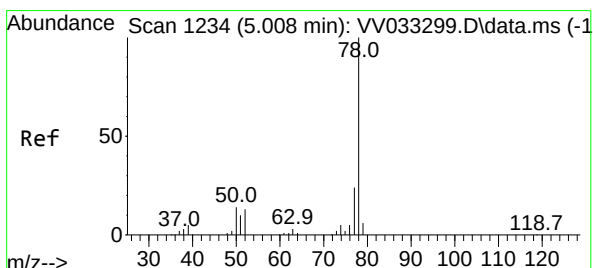
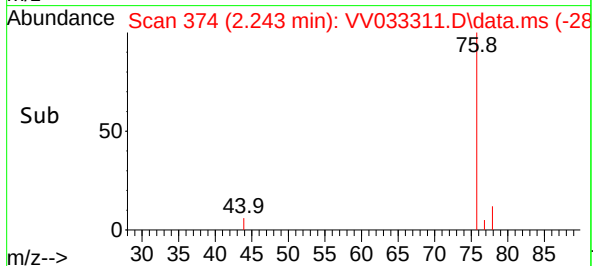
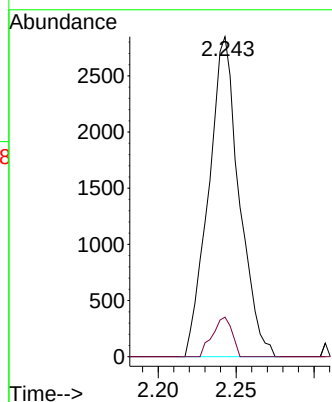
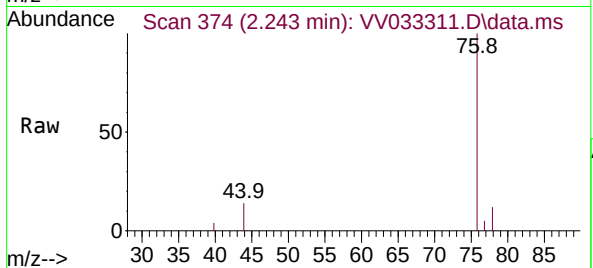




#14
Carbon disulfide
Concen: 0.159 ug/L
RT: 2.243 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV033311.D
Acq: 14 Dec 2023 05:31

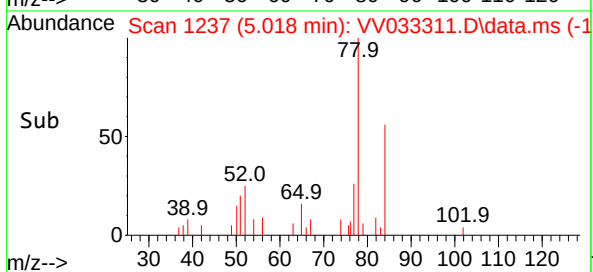
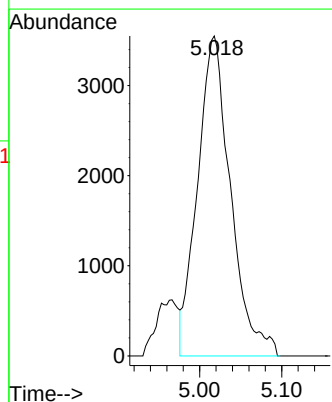
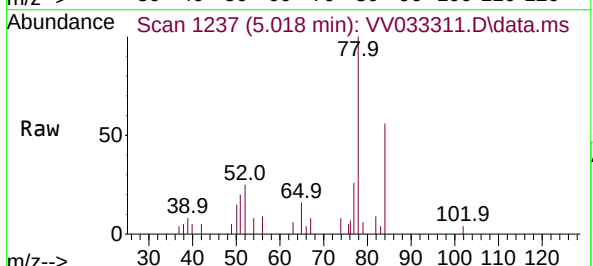
Instrument :
MSVOA_V
ClientSampleId :
E0Y83

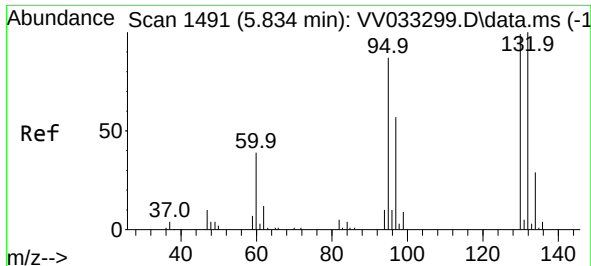
Tgt Ion: 76 Resp: 3894
Ion Ratio Lower Upper
76 100
78 12.4 7.4 11.0#



#33
Benzene
Concen: 0.282 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.010 min
Lab File: VV033311.D
Acq: 14 Dec 2023 05:31

Tgt Ion: 78 Resp: 9929



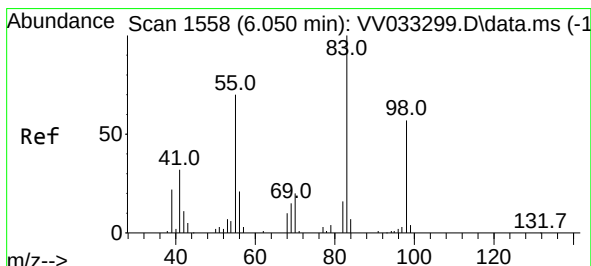
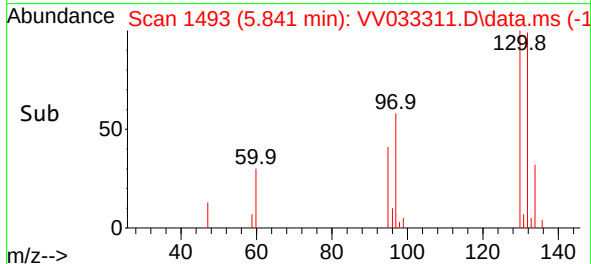
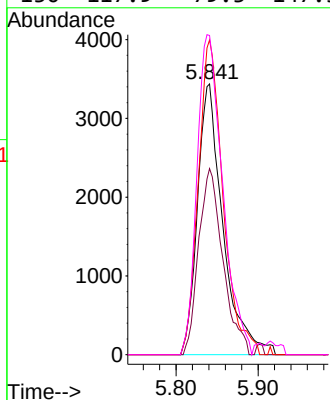
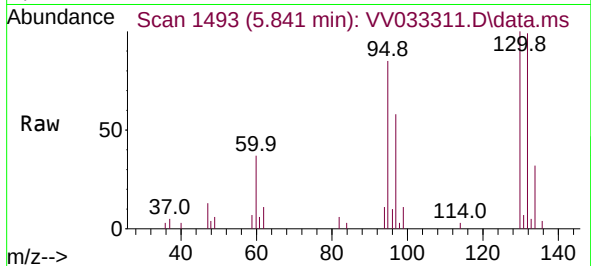


#34
Trichloroethene
Concen: 0.726 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VV033311.D
Acq: 14 Dec 2023 05:31

Instrument :
MSVOA_V
ClientSampleId :
E0Y83

Tgt Ion: 95 Resp: 7440

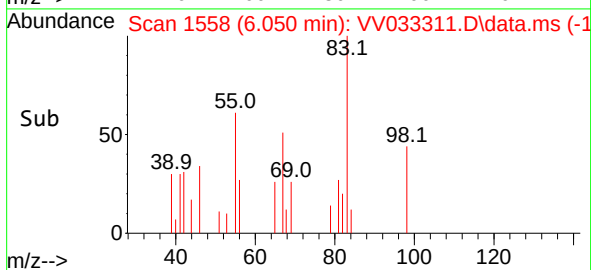
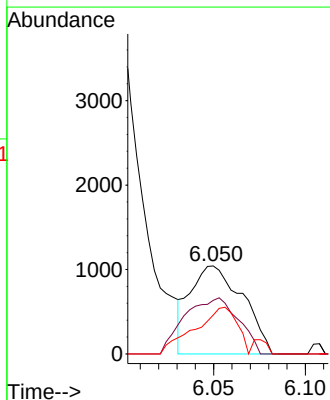
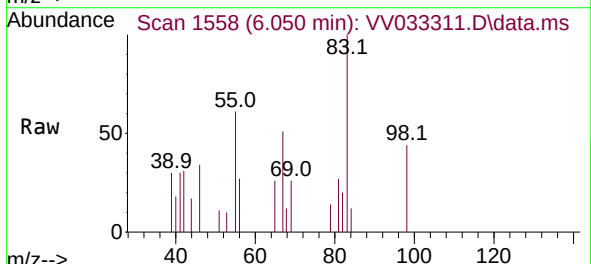
Ion	Ratio	Lower	Upper
95	100		
97	68.7	46.5	86.5
132	116.3	75.1	139.5
130	117.9	79.3	147.3

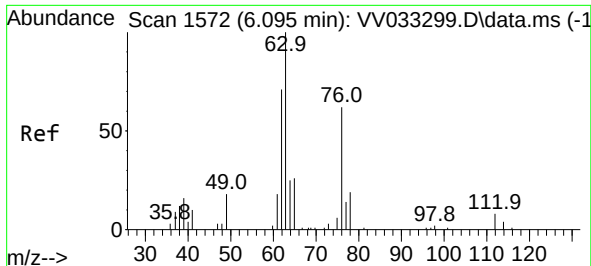


#35
Methylcyclohexane
Concen: 0.137 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV033311.D
Acq: 14 Dec 2023 05:31

Tgt Ion: 83 Resp: 2086

Ion	Ratio	Lower	Upper
83	100		
55	65.0	50.7	76.1
98	42.6	42.4	63.6





#37

1,2-Dichloropropane

Concen: 0.770 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV033311.D

Acq: 14 Dec 2023 05:31

Instrument :

MSVOA_V

ClientSampleId :

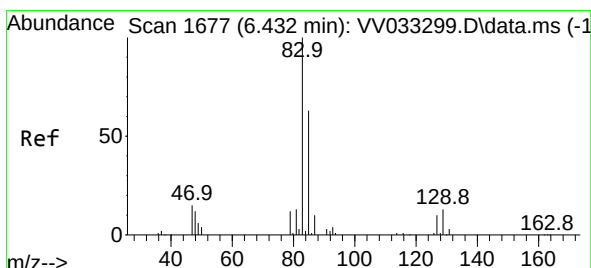
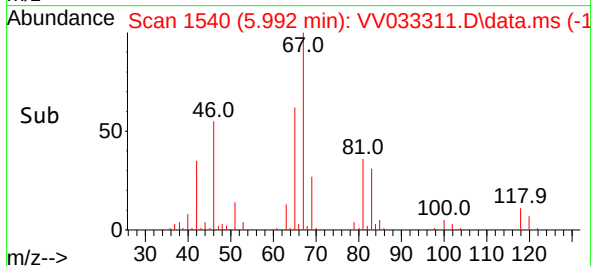
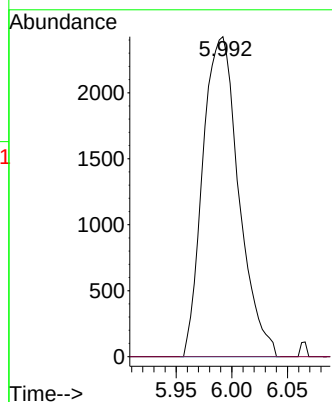
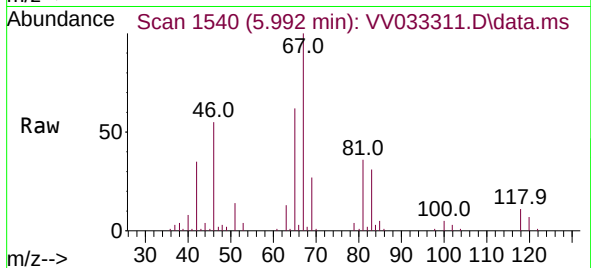
E0Y83

Tgt Ion: 63 Resp: 5447

Ion Ratio Lower Upper

63 100

112 0.0 5.0 7.6#



#38

Bromodichloromethane

Concen: 0.086 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.010 min

Lab File: VV033311.D

Acq: 14 Dec 2023 05:31

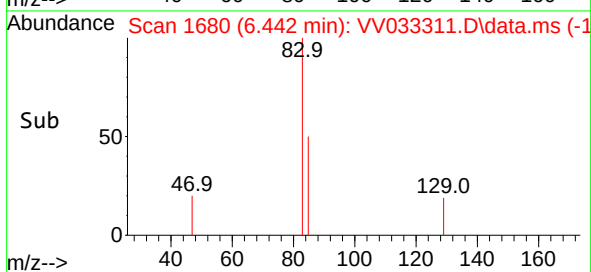
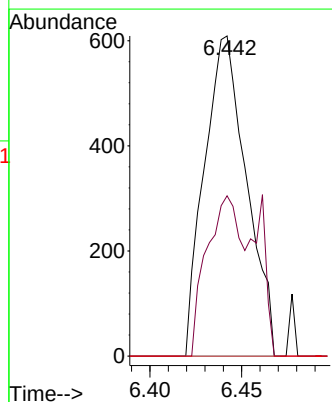
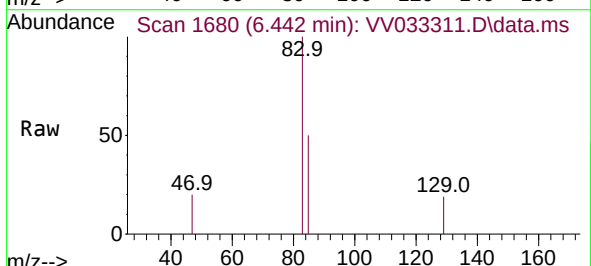
Tgt Ion: 83 Resp: 974

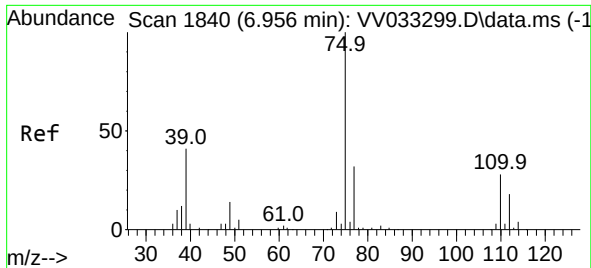
Ion Ratio Lower Upper

83 100

85 50.1 46.6 86.6

127 0.0 8.6 13.0#





#39

cis-1,3-Dichloropropene

Concen: 0.122 ug/L

RT: 6.912 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV033311.D

Acq: 14 Dec 2023 05:31

Instrument :

MSVOA_V

ClientSampleId :

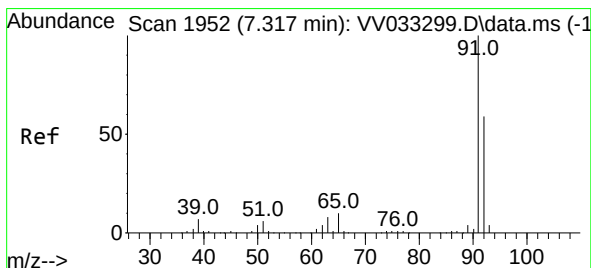
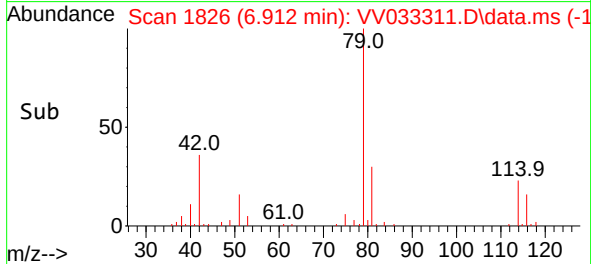
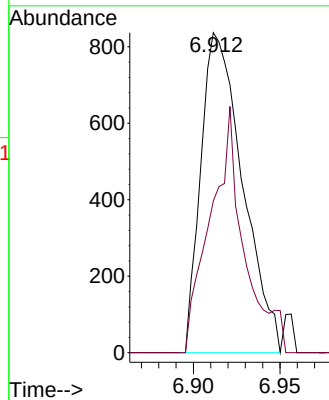
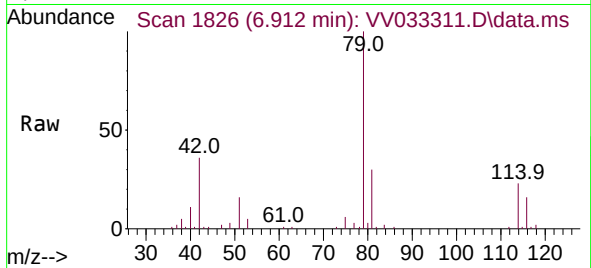
E0Y83

Tgt Ion: 75 Resp: 1403

Ion Ratio Lower Upper

75 100

77 47.4 22.1 41.1#



#42

Toluene

Concen: 2.512 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV033311.D

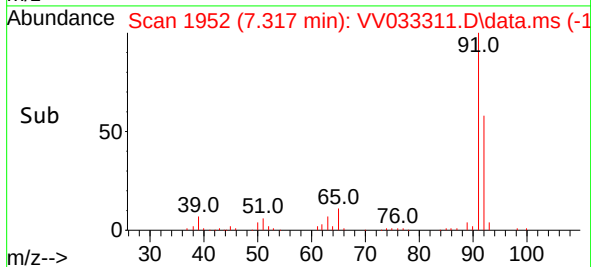
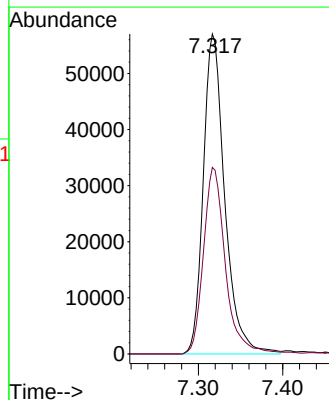
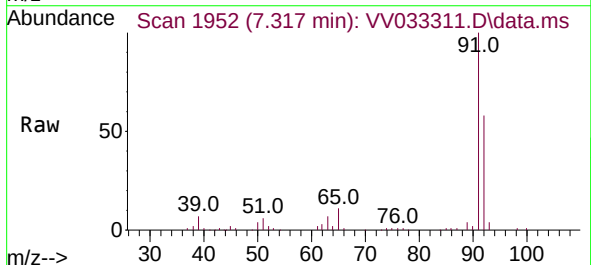
Acq: 14 Dec 2023 05:31

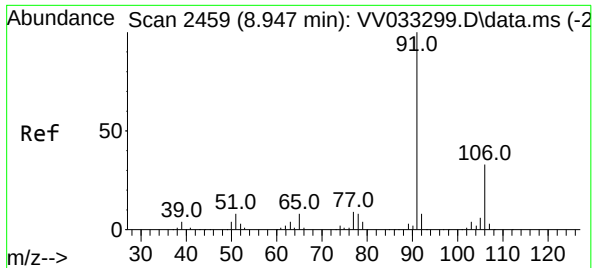
Tgt Ion: 91 Resp: 101202

Ion Ratio Lower Upper

91 100

92 58.3 40.2 74.6

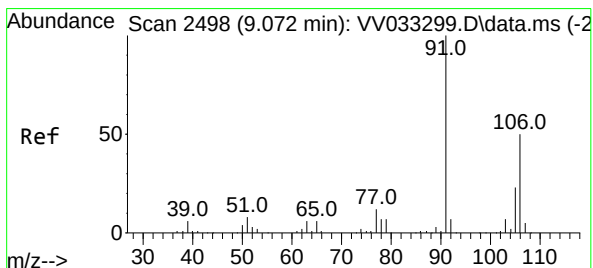
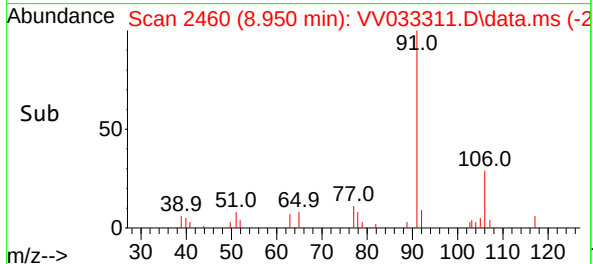
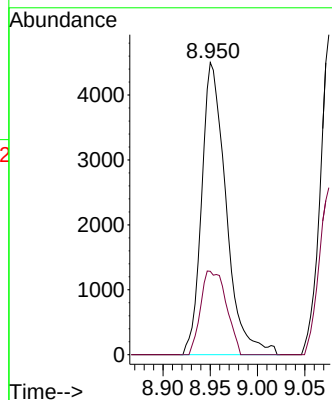
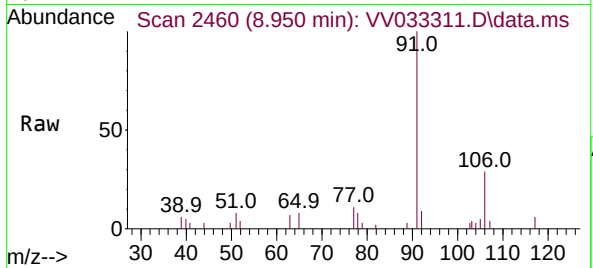




#52
Ethylbenzene
Concen: 0.179 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV033311.D
Acq: 14 Dec 2023 05:31

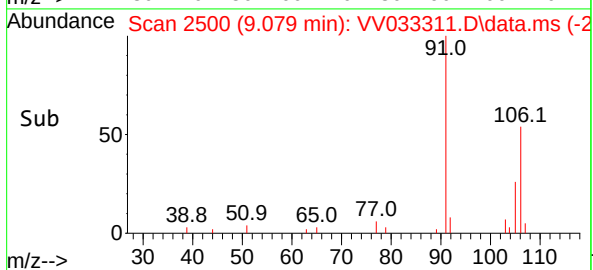
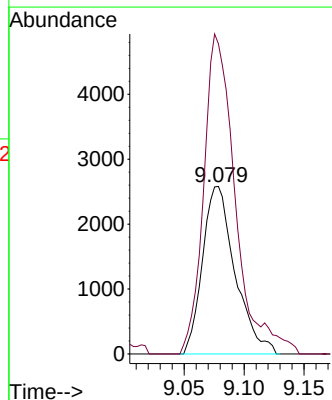
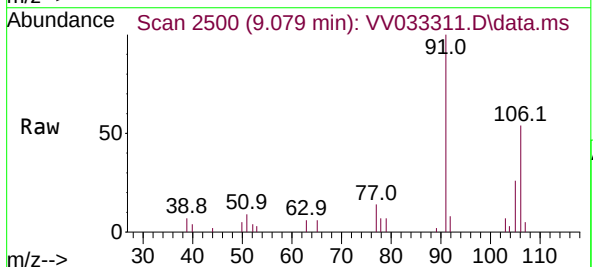
Instrument :
MSVOA_V
ClientSampleId :
E0Y83

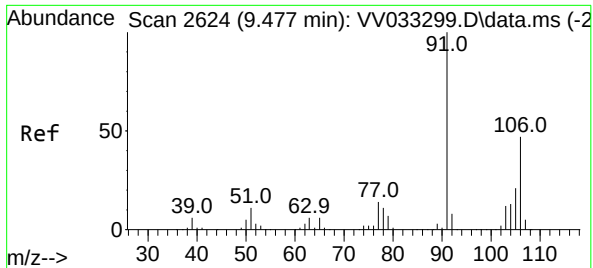
Tgt Ion: 91 Resp: 8085
Ion Ratio Lower Upper
91 100
106 28.5 22.7 42.3



#53
m,p-Xylene
Concen: 0.262 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.007 min
Lab File: VV033311.D
Acq: 14 Dec 2023 05:31

Tgt Ion: 106 Resp: 4873
Ion Ratio Lower Upper
106 100
91 185.2 136.8 254.0

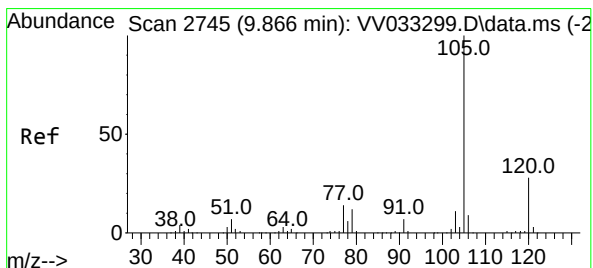
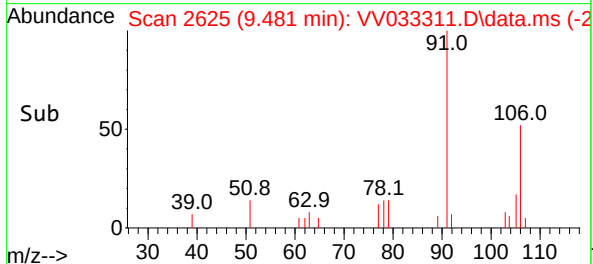
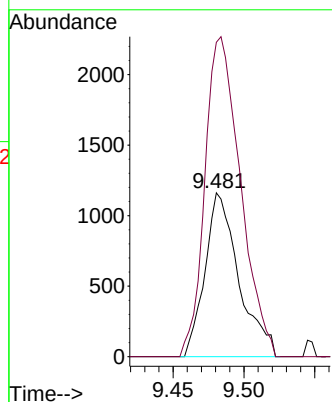
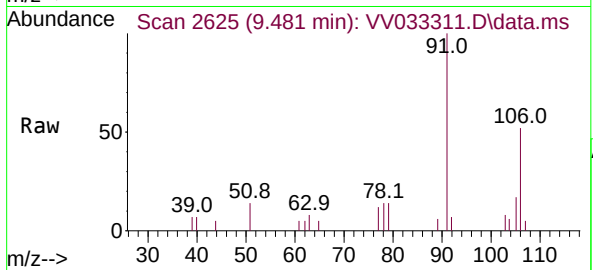




#54
o-Xylene
Concen: 0.110 ug/L
RT: 9.481 min Scan# 2098
Delta R.T. 0.003 min
Lab File: VV033311.D
Acq: 14 Dec 2023 05:31

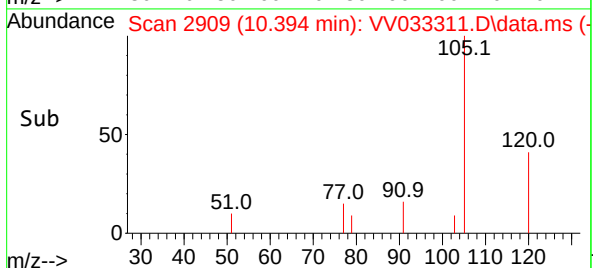
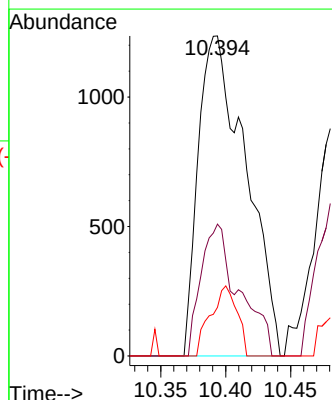
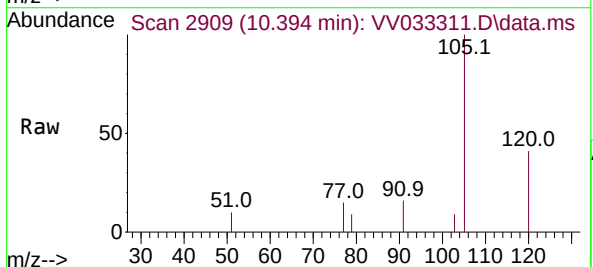
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MSVOA_V
ClientSampleId :
E0Y83

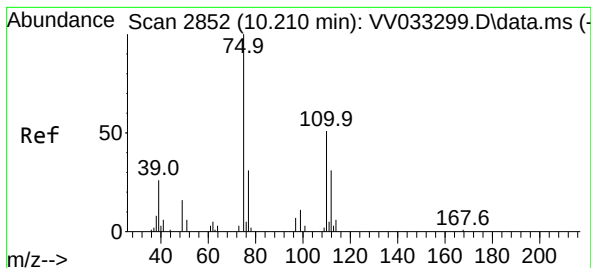
Tgt Ion:106 Resp: 1927
Ion Ratio Lower Upper
106 100
91 191.8 149.9 278.5



#60
Isopropylbenzene
Concen: 0.072 ug/L
RT: 10.394 min Scan# 2909
Delta R.T. 0.527 min
Lab File: VV033311.D
Acq: 14 Dec 2023 05:31

Tgt Ion:105 Resp: 3145
Ion Ratio Lower Upper
105 100
120 33.1 22.2 33.4
77 12.1 11.6 17.4





#61

1,2,3-Trichloropropane

Concen: 1.570 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV033311.D

Acq: 14 Dec 2023 05:31

Instrument :

MSVOA_V

ClientSampleId :

E0Y83

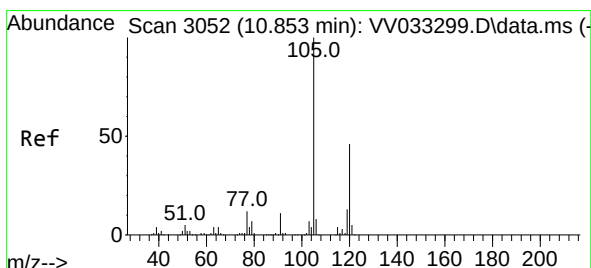
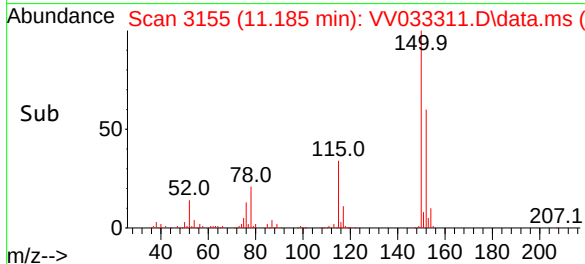
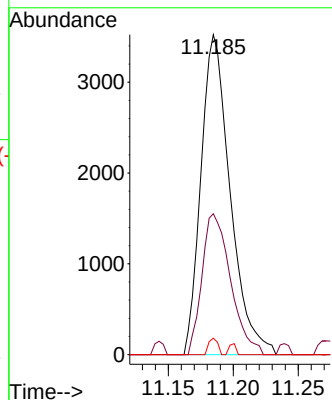
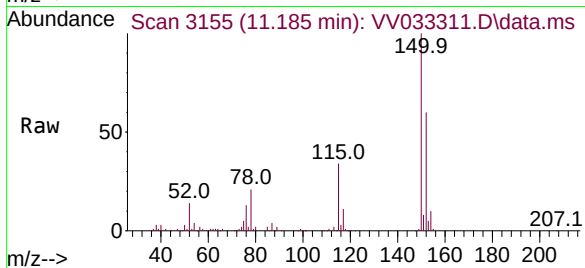
Tgt Ion: 75 Resp: 5501

Ion Ratio Lower Upper

75 100

77 43.1 27.4 41.2#

110 1.6 39.4 59.2#



#63

1,2,4-Trimethylbenzene

Concen: 0.127 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.007 min

Lab File: VV033311.D

Acq: 14 Dec 2023 05:31

Tgt Ion: 105 Resp: 4517

Ion Ratio Lower Upper

105 100

120 49.8 38.1 57.1

