

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111721\
 Data File : VW023583.D
 Acq On : 17 Nov 2021 20:35
 Operator : SY/MD
 Sample : M4627-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4667

Quant Time: Nov 18 00:24:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 00:20:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	101351	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	97751	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51499	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38909	6.128	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.600%
7) Chloroethane-d5	1.564	69	29851	5.769	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.400%
11) 1,1-Dichloroethene-d2	2.108	63	50270	4.229	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	3.883	46	78575	71.833	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.660%#
24) Chloroform-d	4.349	84	63039	4.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.034	65	33075	5.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	5.050	84	124073	4.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.069	67	38732	5.246	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.317	98	109879	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.625	79	14950	5.340	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.800%
46) 2-Hexanone-d5	8.088	63	65970	64.046	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.100%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31646	5.960	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	44940	5.241	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
5) Vinyl chloride	1.310	62	4030	0.480	ug/L #	1
13) Acetone	2.172	43	4205	6.291	ug/L	100
14) Carbon disulfide	2.298	76	5315	0.233	ug/L #	90
18) trans-1,2-Dichloroethene	2.761	96	8085	1.088	ug/L	94
19) 1,1-Dichloroethane	3.195	63	5808	0.463	ug/L	95
30) Cyclohexane	4.674	56	1176	0.111	ug/L #	91
33) Benzene	5.101	78	68472	2.506	ug/L	100
34) Trichloroethene	5.924	95	656	0.090	ug/L	90
42) Toluene	7.387	91	231302	7.915	ug/L	98
51) Chlorobenzene	8.886	112	4134	0.213	ug/L	96
52) Ethylbenzene	9.014	91	71012	2.304	ug/L	100
53) m,p-xylene	9.140	106	51513	4.259	ug/L	95
54) o-xylene	9.545	106	24444	2.154	ug/L	95
60) Isopropylbenzene	9.934	105	6049	0.205	ug/L #	93
62) 1,3,5-Trimethylbenzene	10.538	105	3833	0.156	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	10832	0.444	ug/L	98

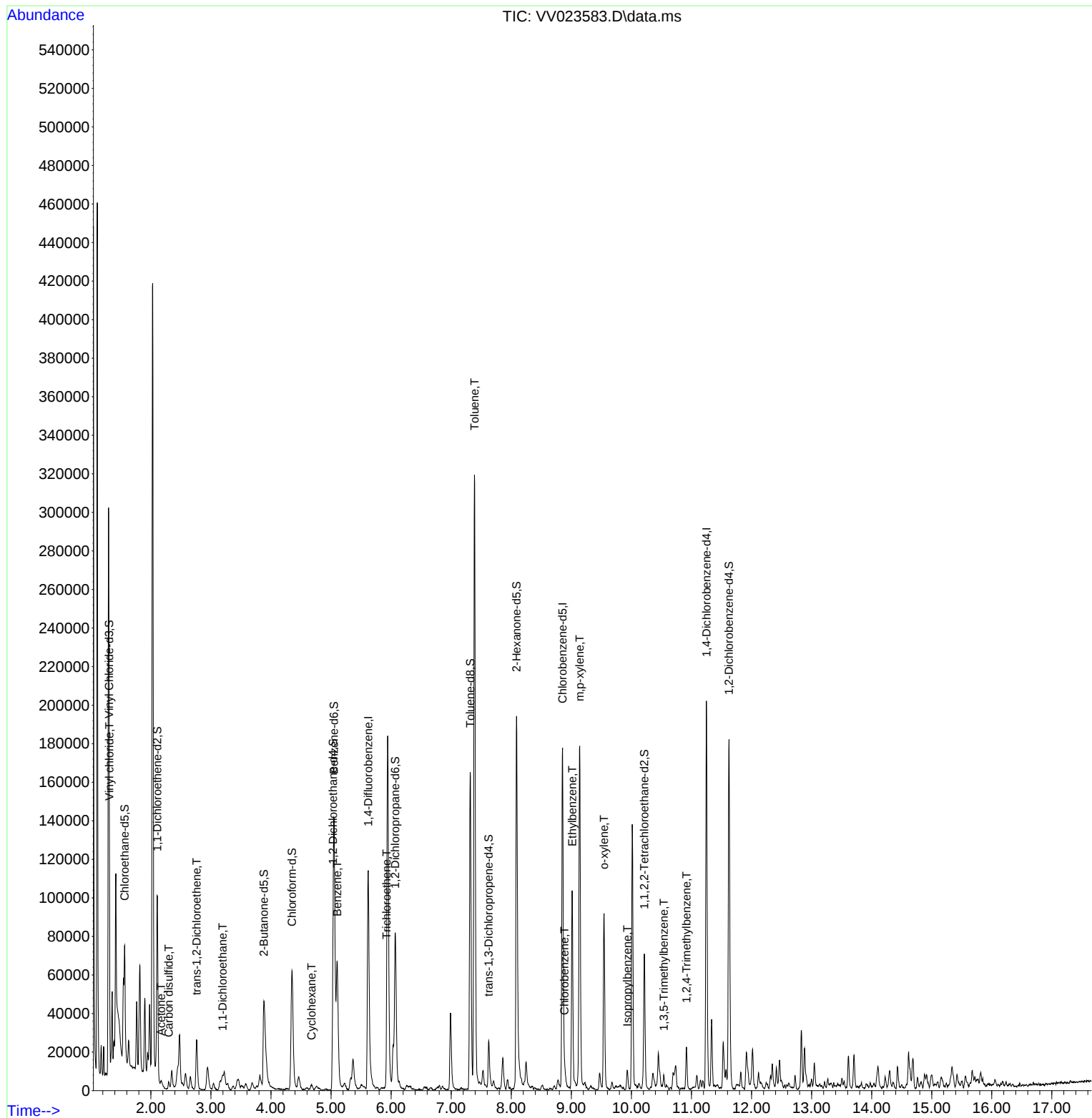
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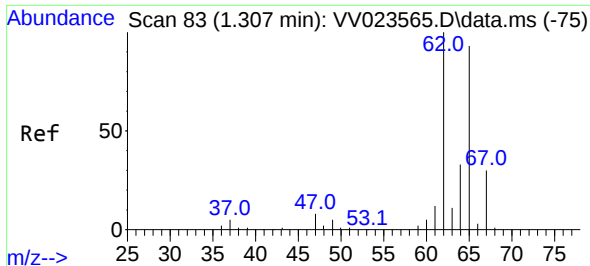
Instrument :
MSVOA_V
ClientSampleId :
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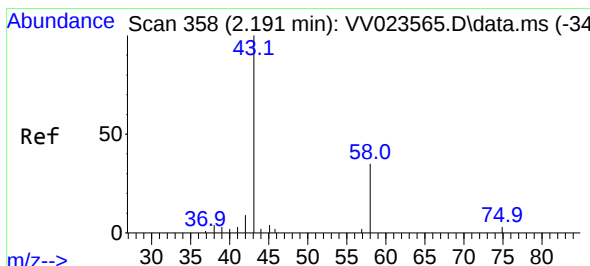
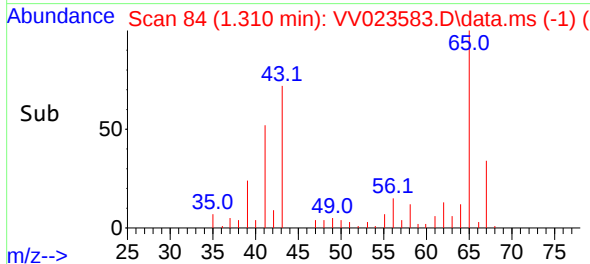
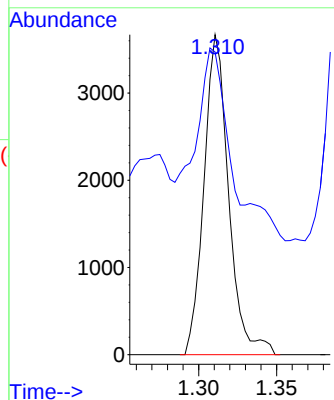
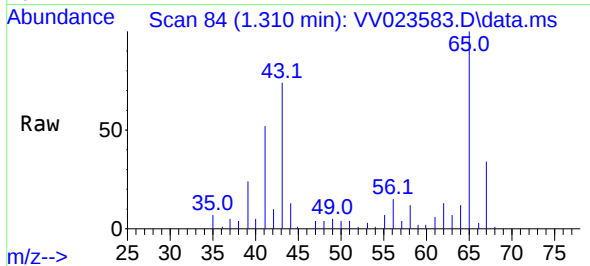




#5
 Vinyl chloride
 Concen: 0.480 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023583.D
 Acq: 17 Nov 2021 20:35

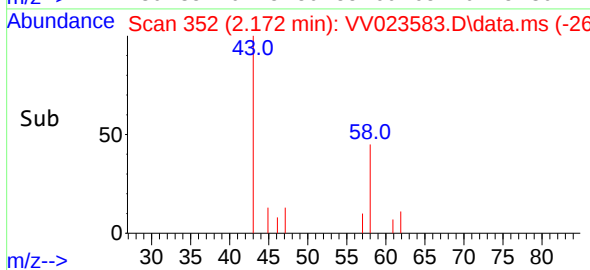
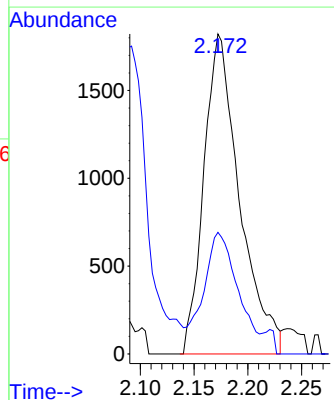
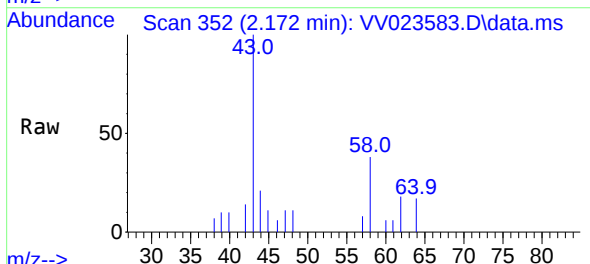
Instrument :
 MSVOA_V
 ClientSampleId :
 H4667

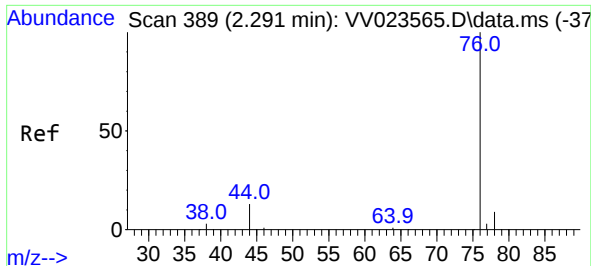
Tgt Ion: 62 Resp: 4030
 Ion Ratio Lower Upper
 62 100
 64 94.6 23.1 42.9#



#13
 Acetone
 Concen: 6.291 ug/L
 RT: 2.172 min Scan# 352
 Delta R.T. -0.019 min
 Lab File: VV023583.D
 Acq: 17 Nov 2021 20:35

Tgt Ion: 43 Resp: 4205
 Ion Ratio Lower Upper
 43 100
 58 27.5 0.0 55.4

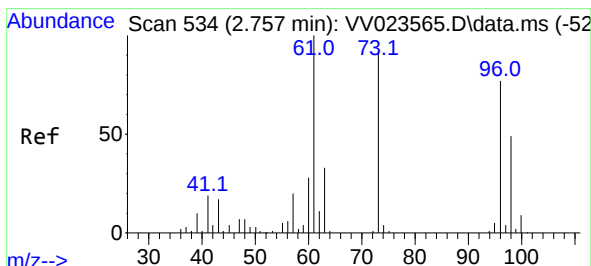
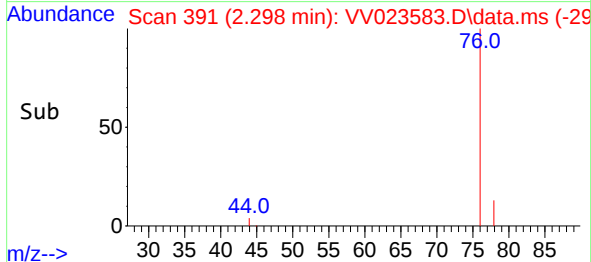
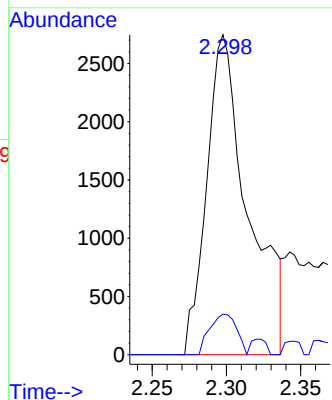
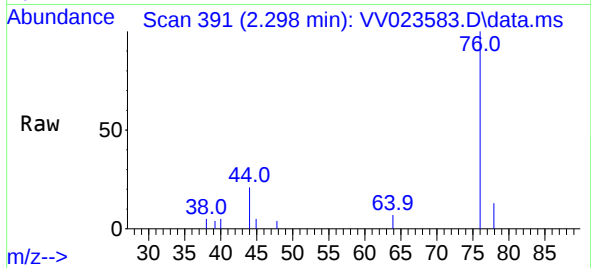




#14
Carbon disulfide
Concen: 0.233 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.007 min
Lab File: VV023583.D
Acq: 17 Nov 2021 20:35

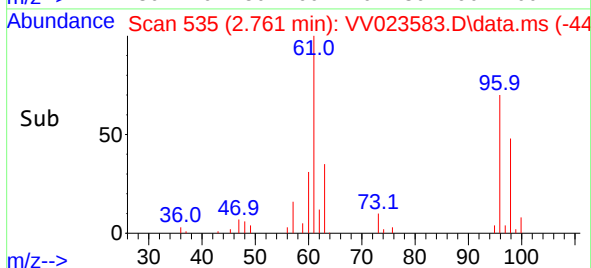
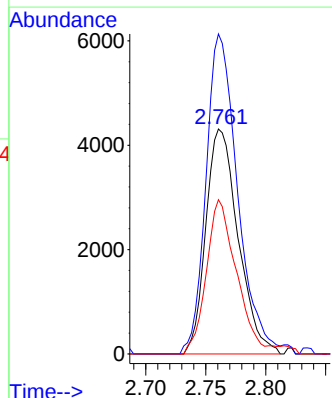
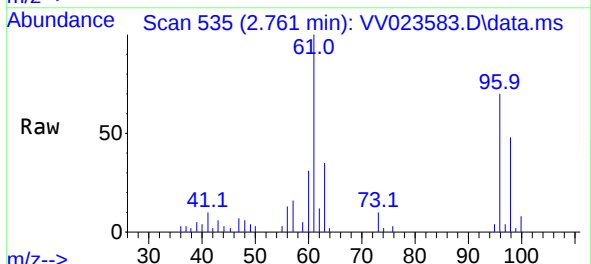
Instrument :
MSVOA_V
ClientSampleId :
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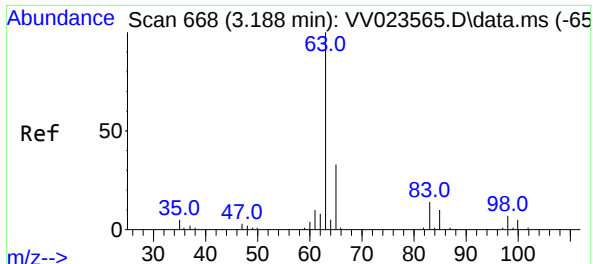
Tgt Ion: 76 Resp: 5315
Ion Ratio Lower Upper
76 100
78 12.7 7.2 10.8#



#18
trans-1,2-Dichloroethene
Concen: 1.088 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV023583.D
Acq: 17 Nov 2021 20:35

Tgt Ion: 96 Resp: 8085
Ion Ratio Lower Upper
96 100
61 142.2 93.2 173.2
98 68.5 47.0 87.2

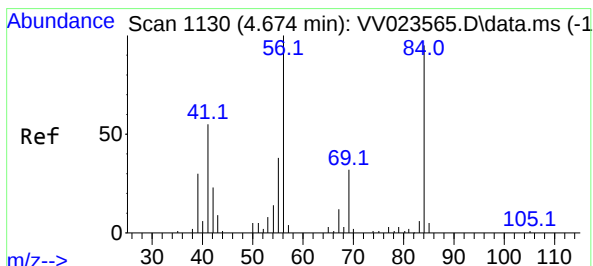
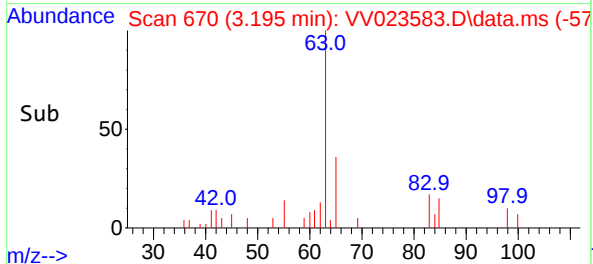
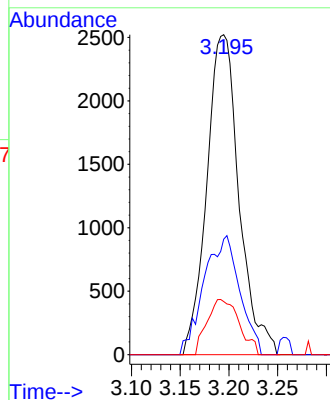
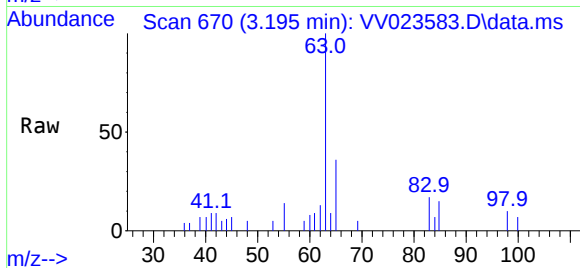




#19
1,1-Dichloroethane
Concen: 0.463 ug/L
RT: 3.195 min Scan# 61
Delta R.T. 0.007 min
Lab File: VV023583.D
Acq: 17 Nov 2021 20:35

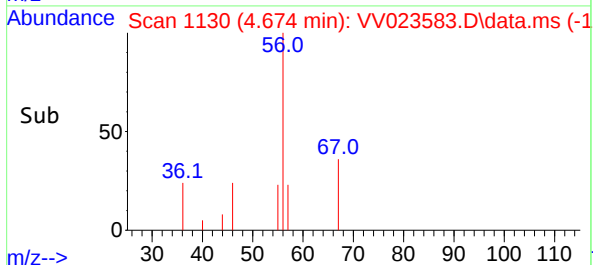
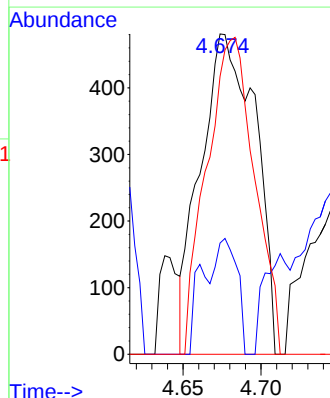
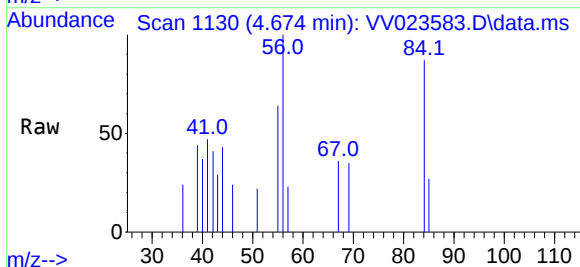
Instrument :
MSVOA_V
ClientSampleId :
H4667

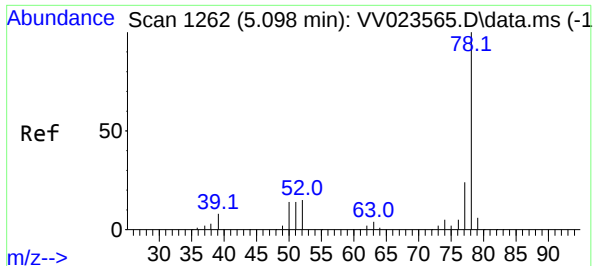
Tgt Ion:	63	Resp:	5808
Ion	Ratio	Lower	Upper
63	100		
65	36.1	22.6	42.0
83	16.6	11.1	20.7



#30
Cyclohexane
Concen: 0.111 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VV023583.D
Acq: 17 Nov 2021 20:35

Tgt Ion:	56	Resp:	1176
Ion	Ratio	Lower	Upper
56	100		
69	14.5	23.5	35.3
84	86.6	71.6	107.4

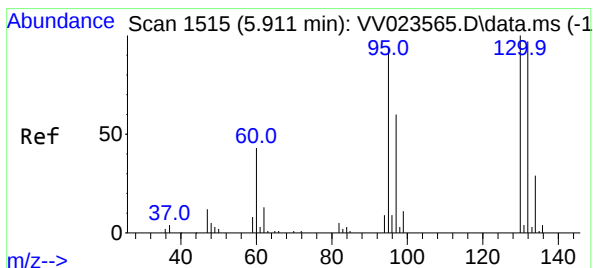
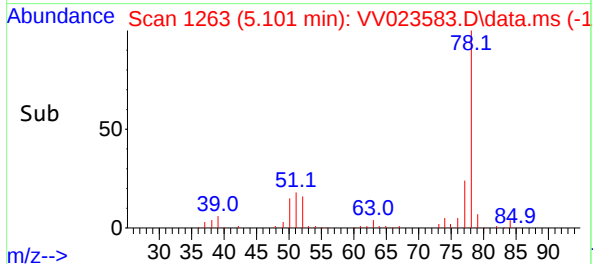
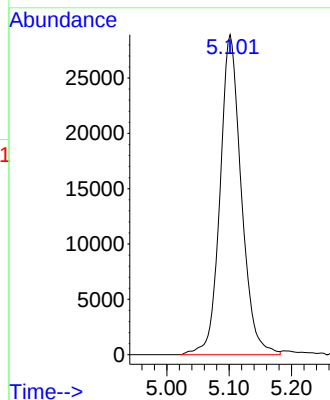
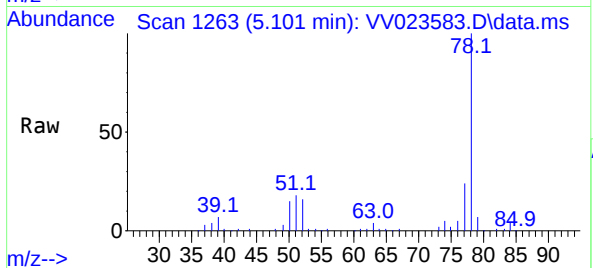




#33
Benzene
Concen: 2.506 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023583.D
Acq: 17 Nov 2021 20:35

Instrument :
MSVOA_V
ClientSampleId :
H4667

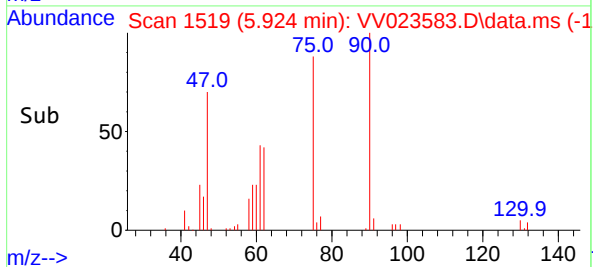
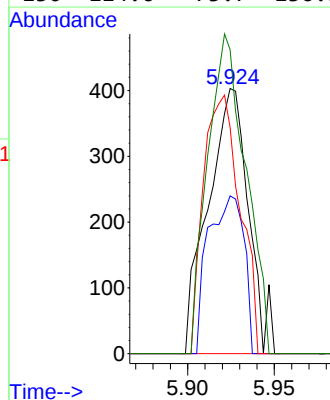
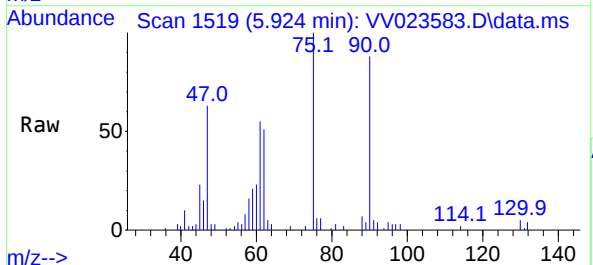
Tgt Ion: 78 Resp: 68472

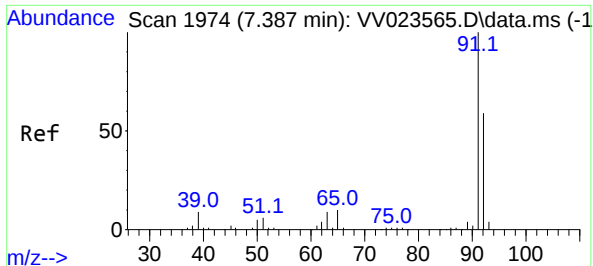


#34
Trichloroethene
Concen: 0.090 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.013 min
Lab File: VV023583.D
Acq: 17 Nov 2021 20:35

Tgt Ion: 95 Resp: 656

Ion	Ratio	Lower	Upper
95	100		
97	59.6	45.0	83.6
132	85.4	69.7	129.4
130	114.6	73.7	136.9





#42

Toluene

Concen: 7.915 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV023583.D

Acq: 17 Nov 2021 20:35

Instrument :

MSVOA_V

ClientSampleId :

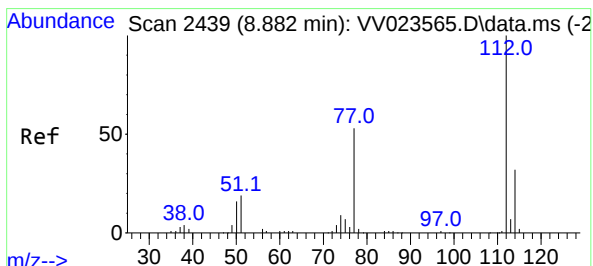
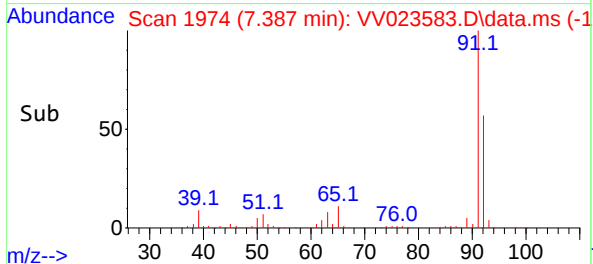
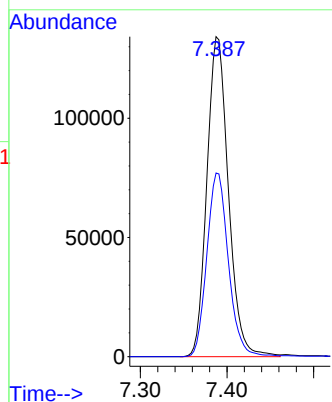
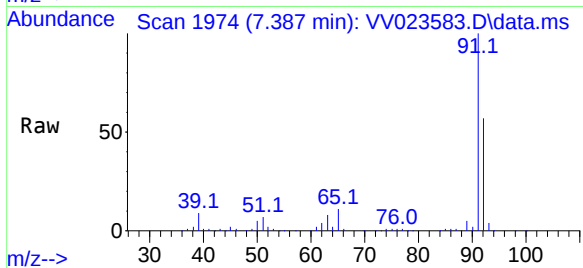
H4667

Tgt Ion: 91 Resp: 231302

Ion Ratio Lower Upper

91 100

92 57.4 39.3 72.9



#51

Chlorobenzene

Concen: 0.213 ug/L

RT: 8.886 min Scan# 2440

Delta R.T. 0.003 min

Lab File: VV023583.D

Acq: 17 Nov 2021 20:35

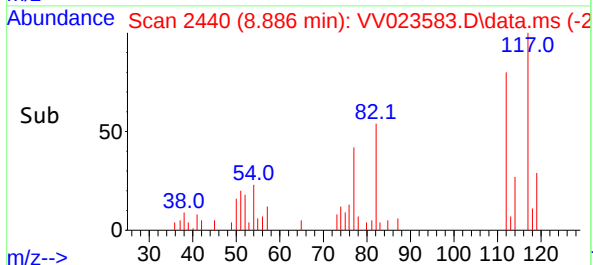
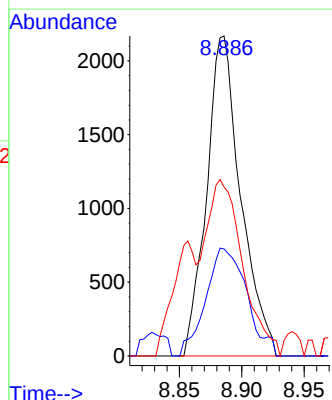
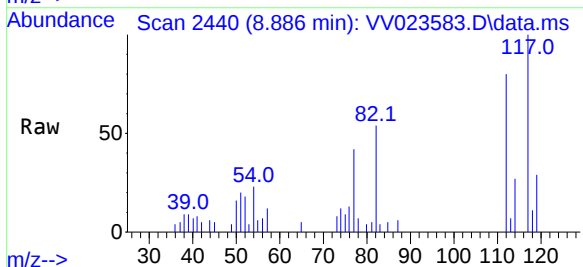
Tgt Ion: 112 Resp: 4134

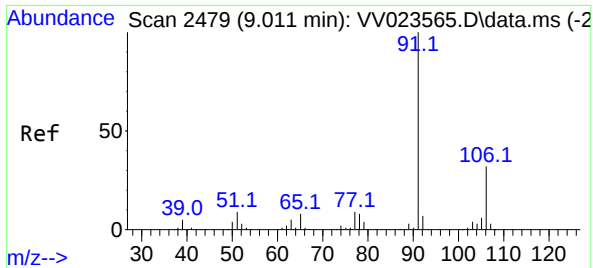
Ion Ratio Lower Upper

112 100

114 33.5 22.0 40.8

77 52.8 44.4 66.6

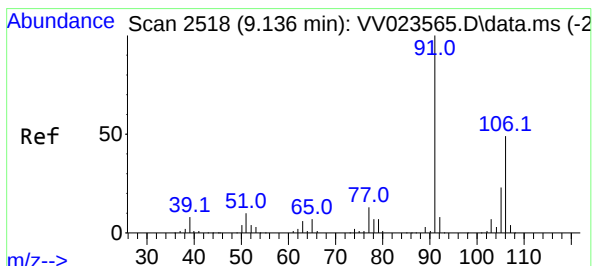
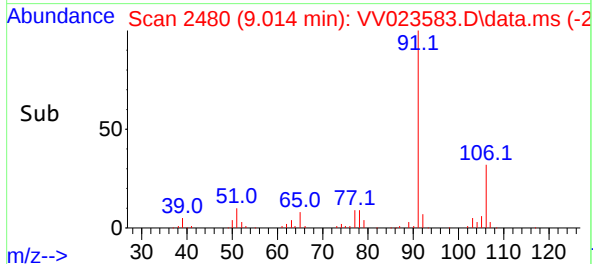
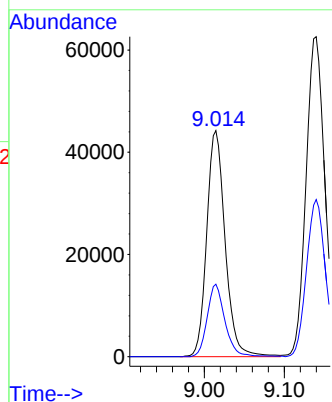
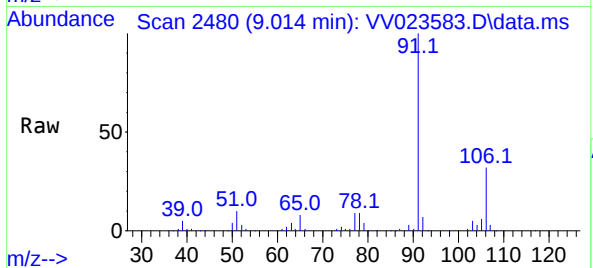




#52
Ethylbenzene
Concen: 2.304 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV023583.D
Acq: 17 Nov 2021 20:35

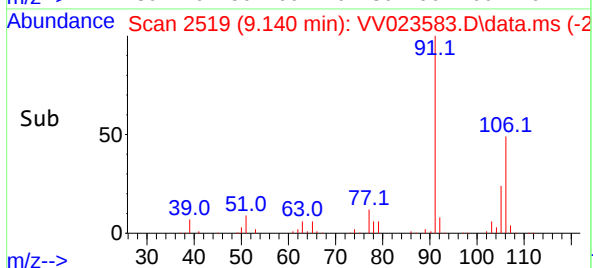
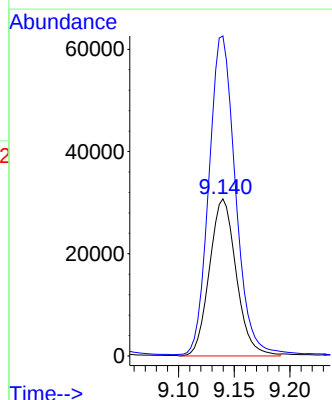
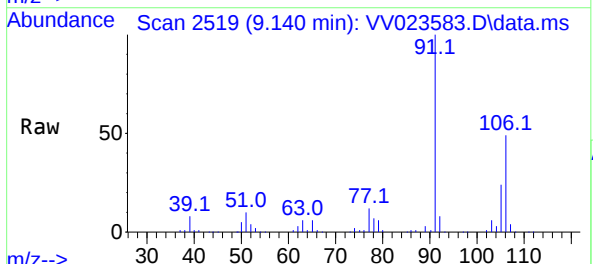
Instrument :
MSVOA_V
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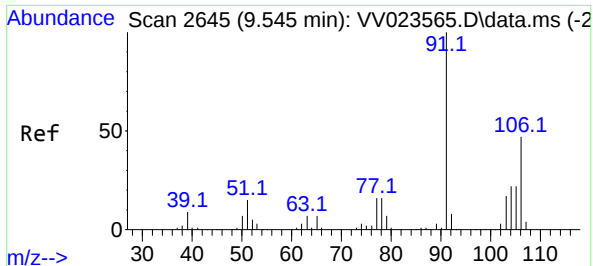
Tgt Ion: 91 Resp: 71012
Ion Ratio Lower Upper
91 100
106 32.0 22.5 41.9



#53
m,p-xylene
Concen: 4.259 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV023583.D
Acq: 17 Nov 2021 20:35

Tgt Ion: 106 Resp: 51513
Ion Ratio Lower Upper
106 100
91 203.6 137.2 254.8

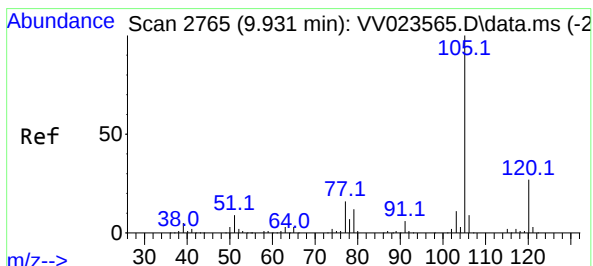
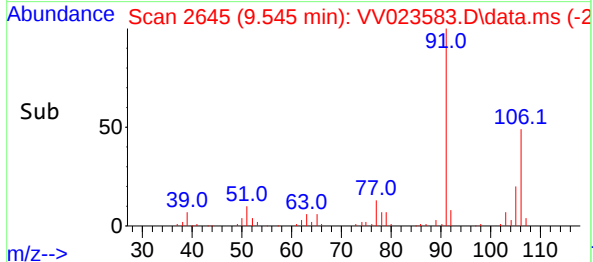
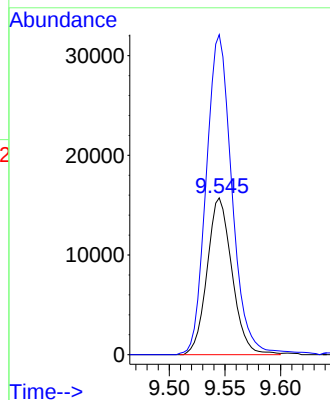
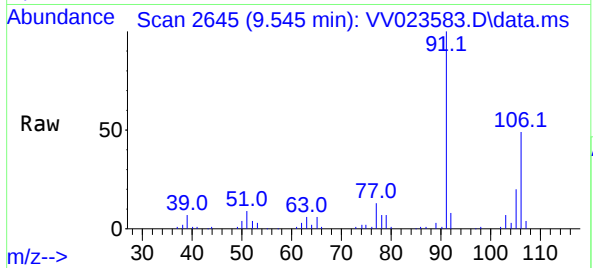




#54
o-xylene
Concen: 2.154 ug/L
RT: 9.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023583.D
Acq: 17 Nov 2021 20:35

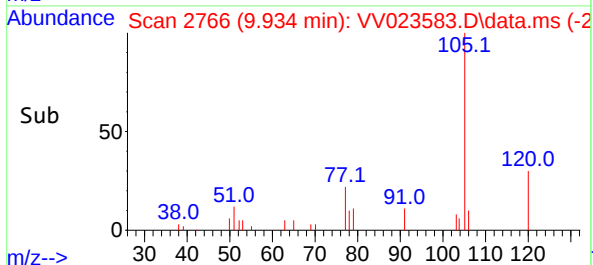
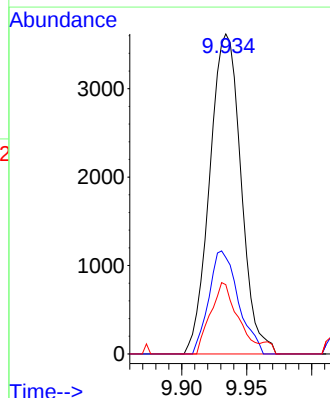
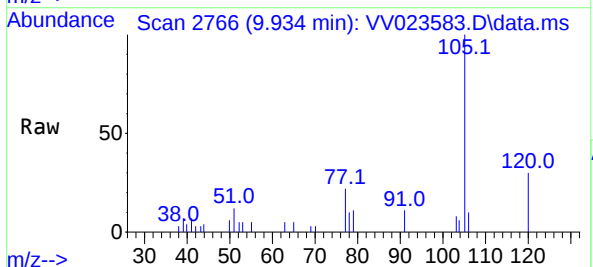
Instrument :
MSVOA_V
ClientSampleId :
H4667

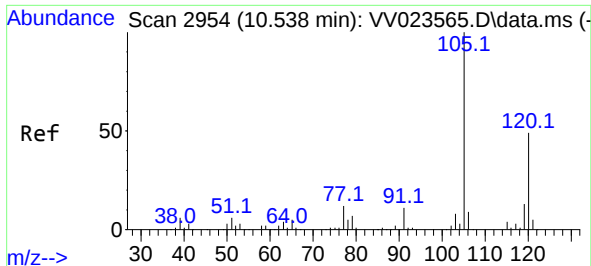
Tgt Ion:106 Resp: 24444
Ion Ratio Lower Upper
106 100
91 204.1 148.3 275.5



#60
Isopropylbenzene
Concen: 0.205 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV023583.D
Acq: 17 Nov 2021 20:35

Tgt Ion:105 Resp: 6049
Ion Ratio Lower Upper
105 100
120 30.4 21.7 32.5
77 19.6 12.6 19.0#





#62

1,3,5-Trimethylbenzene

Concen: 0.156 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023583.D

Acq: 17 Nov 2021 20:35

Instrument :

MSVOA_V

ClientSampleId :

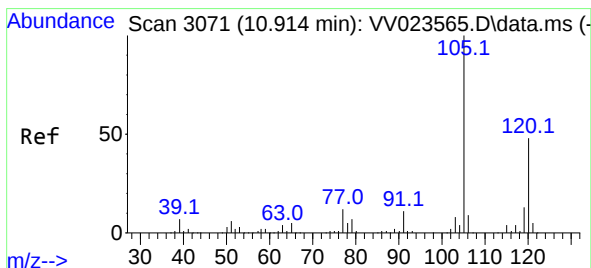
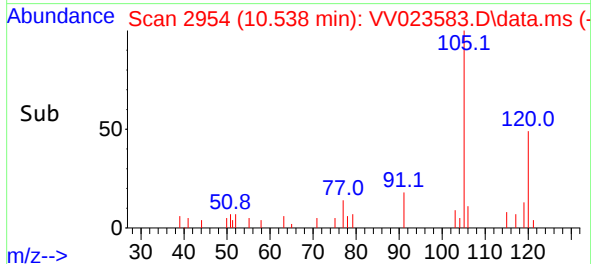
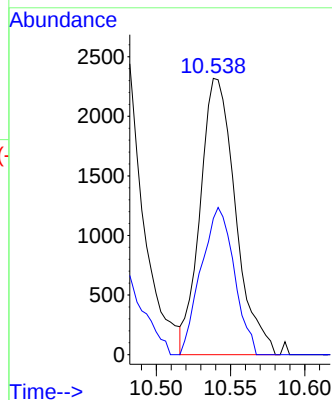
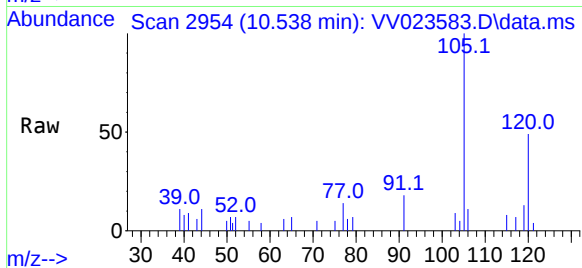
H4667

Tgt Ion:105 Resp: 3833

Ion Ratio Lower Upper

105 100

120 49.9 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 0.444 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.003 min

Lab File: VV023583.D

Acq: 17 Nov 2021 20:35

Tgt Ion:105 Resp: 10832

Ion Ratio Lower Upper

105 100

120 48.2 37.4 56.2

