

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051022\
 Data File : VW025872.D
 Acq On : 10 May 2022 19:55
 Operator : SY/MD
 Sample : N2714-05ME
 Misc : 5.49g/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW2X6ME

Quant Time: May 11 04:26:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 11 04:11:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	8269	50.000	ug/L	0.02
28) Chlorobenzene-d5	8.863	117	8483	50.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.259	152	4026	50.000	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	17199	161.161	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 322.320%#			
7) Chloroethane-d5	1.568	69	11290	120.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 240.940%#			
11) 1,1-Dichloroethene-d2	2.092	63	22174	118.801	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 237.600%#			
21) 2-Butanone-d5	3.986	46	4044	88.411	ug/L	0.10
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.410%			
24) Chloroform-d	4.349	84	19922	133.652	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 267.300%#			
26) 1,2-Dichloroethane-d4	5.037	65	12940	143.640	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 287.280%#			
32) Benzene-d6	5.050	84	39062	132.086	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 264.180%#			
36) 1,2-Dichloropropane-d6	6.076	67	11962	131.696	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 263.400%#			
41) Toluene-d8	7.320	98	28511	104.637	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 209.280%#			
43) trans-1,3-Dichloroprop...	7.638	79	4558	112.416	ug/L	0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 224.840%#			
47) 2-Hexanone-d5	8.130	63	4946	148.526	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery = 148.530%#			
56) 1,1,2,2-Tetrachloroeth...	10.223	84	13426	110.841	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 221.680%#			
66) 1,2-Dichlorobenzene-d4	11.628	152	9433	106.813	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 213.620%#			
Target Compounds			Qvalue			
3) Chloromethane	1.240	50	6548	63.329	ug/L	93
6) Bromomethane	1.523	94	1719	26.911	ug/L	80
8) Chloroethane	1.587	64	134	1.707	ug/L #	42
9) Trichlorofluoromethane	2.085	101	114	0.763	ug/L #	17
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	162	2.041	ug/L #	22
12) 1,1-Dichloroethene	2.095	96	346	4.432	ug/L #	1
13) Acetone	2.195	43	2069	66.285	ug/L	58
14) Carbon disulfide	2.275	76	851	4.407	ug/L #	54
15) Methyl Acetate	2.442	43	75	1.122	ug/L #	1
16) Methylene chloride	2.500	84	1561	20.644	ug/L	94
37) 1,2-Dichloropropane	6.076	63	1172	16.334	ug/L #	86
61) 1,2,3-Trichloropropane	11.262	75	576	7.228	ug/L #	56
64) 1,3-Dichlorobenzene	11.284	146	120	0.940	ug/L #	25
65) 1,4-Dichlorobenzene	11.284	146	120	0.897	ug/L #	26
71) Naphthalene	13.519	128	481	2.164	ug/L #	69
72) 1,2,3-Trichlorobenzene	13.754	180	65	0.850	ug/L #	12

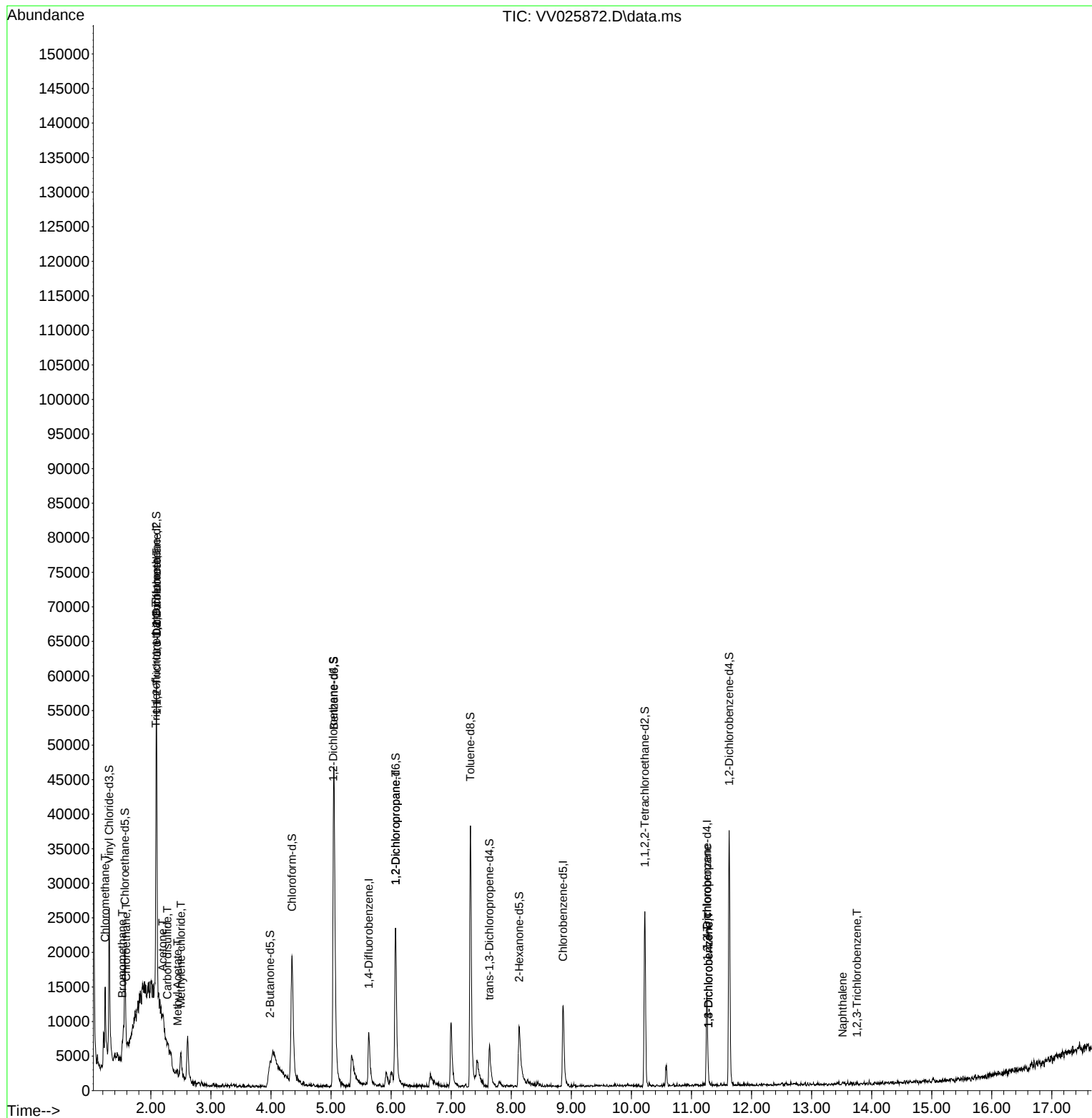
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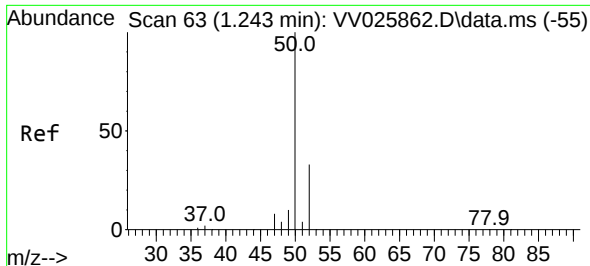
Instrument :
MSVOA_V
ClientSampleId :
EW2X6ME

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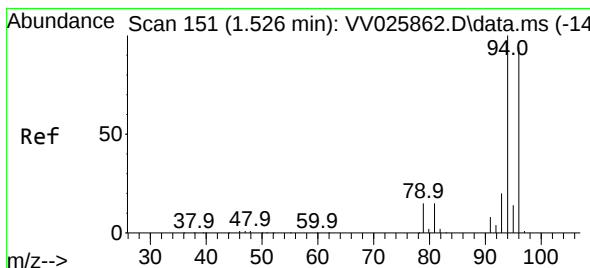
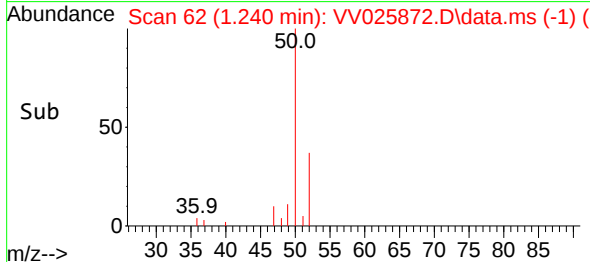
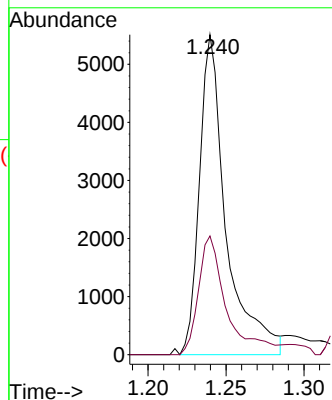
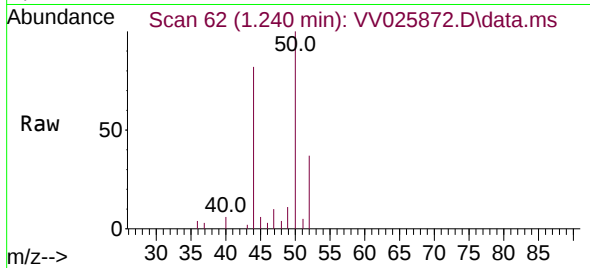




#3
Chloromethane
Concen: 63.329 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025872.D
Acq: 10 May 2022 19:55

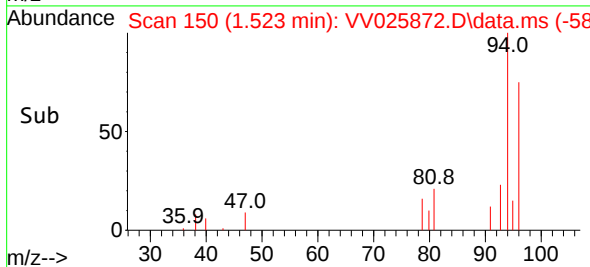
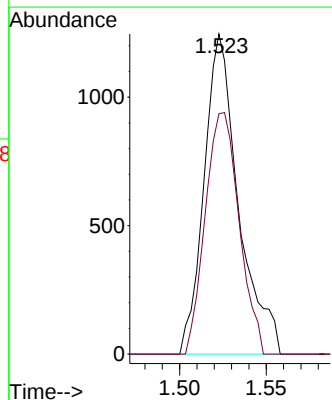
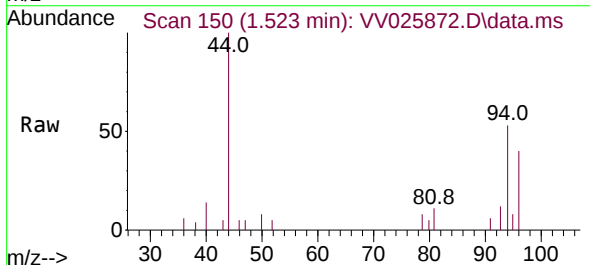
Instrument :
MSVOA_V
ClientSampleId :
EW2X6ME

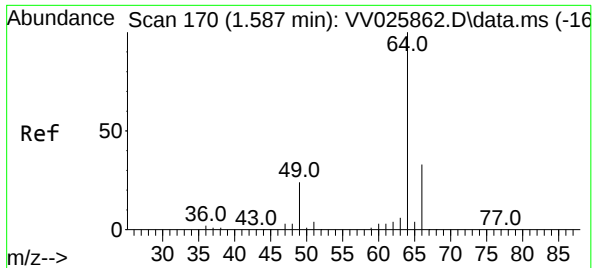
Tgt Ion: 50 Resp: 6548
Ion Ratio Lower Upper
50 100
52 37.1 23.2 43.2



#6
Bromomethane
Concen: 26.911 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.003 min
Lab File: VV025872.D
Acq: 10 May 2022 19:55

Tgt Ion: 94 Resp: 1719
Ion Ratio Lower Upper
94 100
96 75.0 65.9 122.3

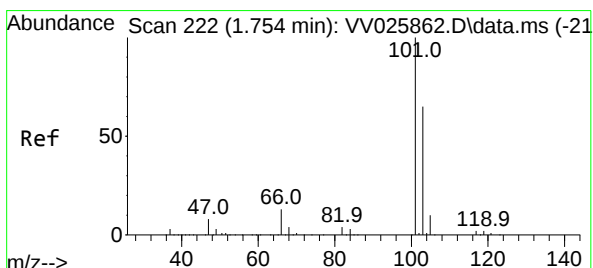
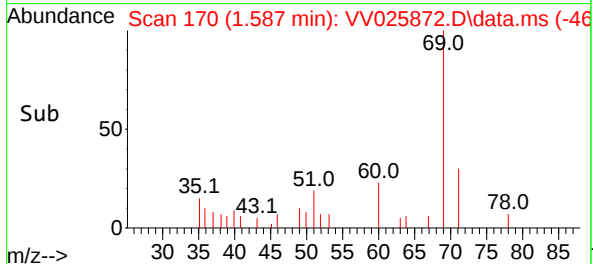
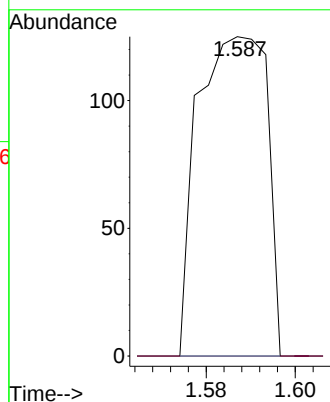
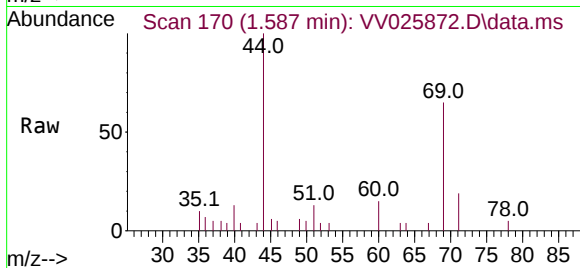




#8
Chloroethane
Concen: 1.707 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025872.D
Acq: 10 May 2022 19:55

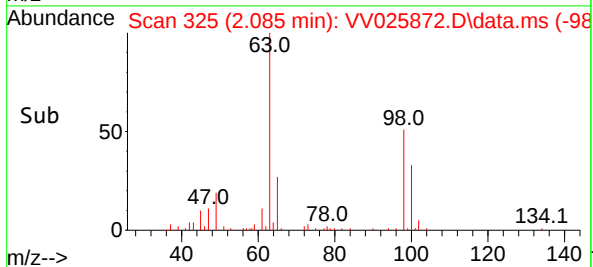
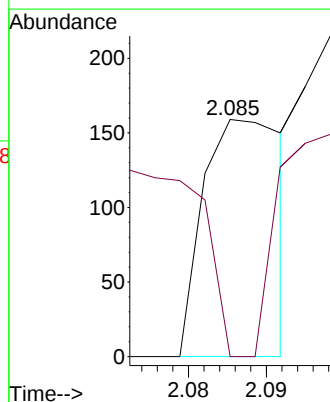
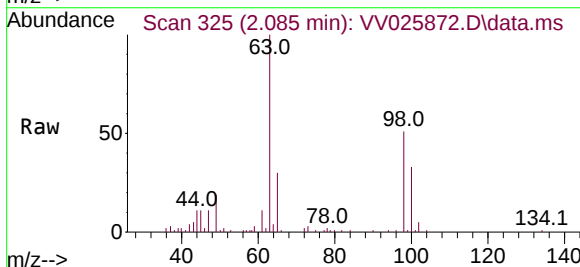
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ClientSampleId :
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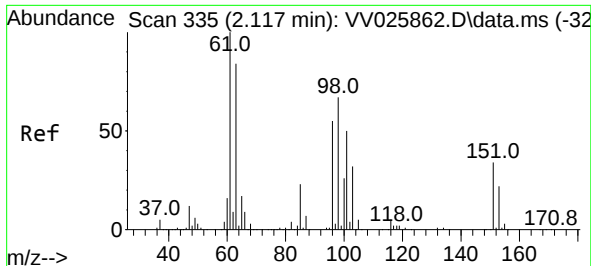
Tgt Ion: 64 Resp: 134
Ion Ratio Lower Upper
64 100
66 0.0 22.9 42.5#



#9
Trichlorofluoromethane
Concen: 0.763 ug/L
RT: 2.085 min Scan# 325
Delta R.T. 0.331 min
Lab File: VV025872.D
Acq: 10 May 2022 19:55

Tgt Ion:101 Resp: 114
Ion Ratio Lower Upper
101 100
103 129.8 51.5 77.3#





#10

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

Concen: 2.041 ug/L

RT: 2.098 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV025872.D

Acq: 10 May 2022 19:55

Instrument :

MSVOA_V

ClientSampleId :

EW2X6ME

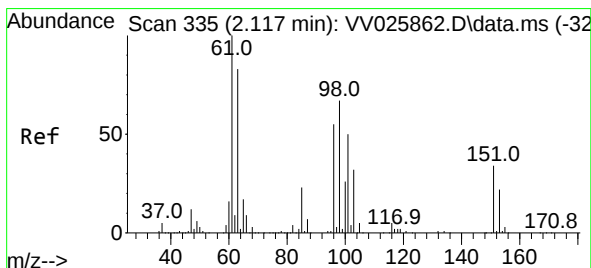
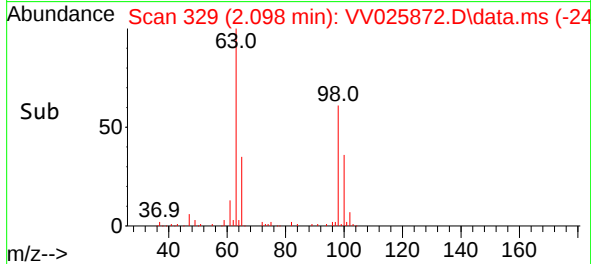
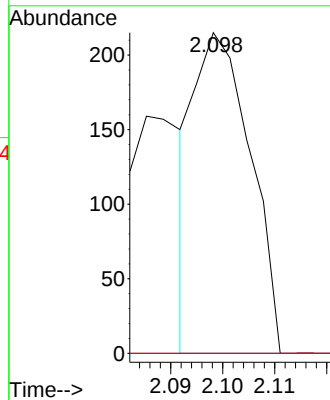
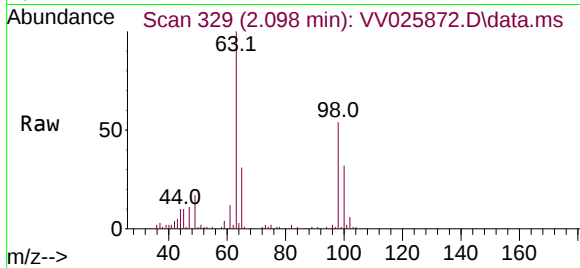
Tgt Ion:101 Resp: 162

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 54.3 81.5#



#12

1,1-Dichloroethene

Concen: 4.432 ug/L

RT: 2.095 min Scan# 328

Delta R.T. -0.022 min

Lab File: VV025872.D

Acq: 10 May 2022 19:55

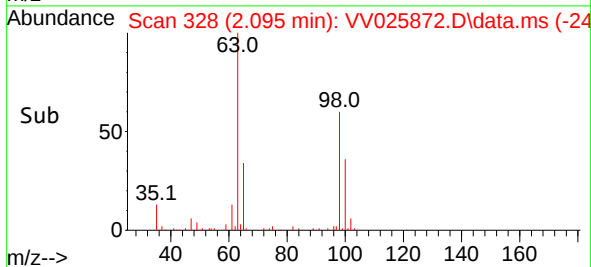
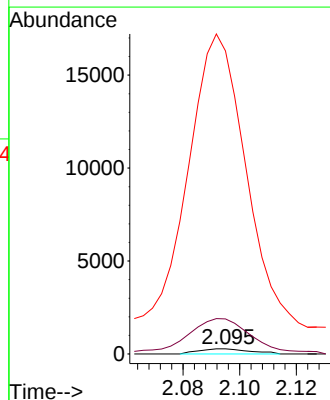
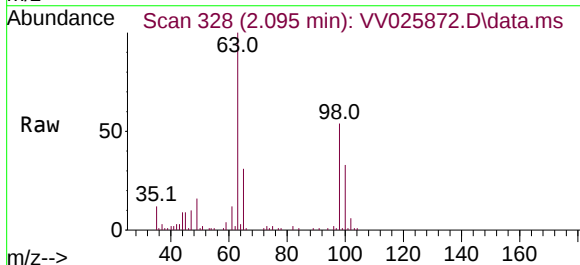
Tgt Ion: 96 Resp: 346

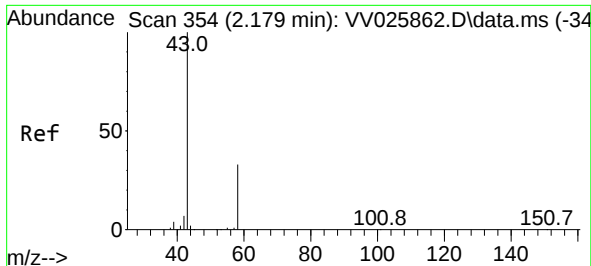
Ion Ratio Lower Upper

96 100

61 679.4 124.6 231.4#

63 5887.0 101.6 188.6#

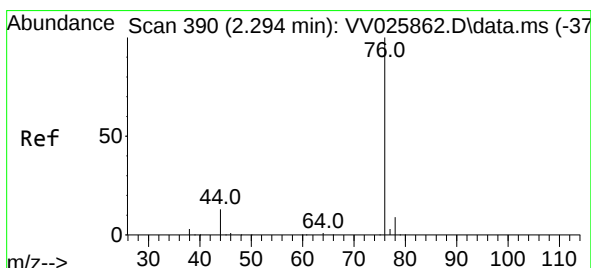
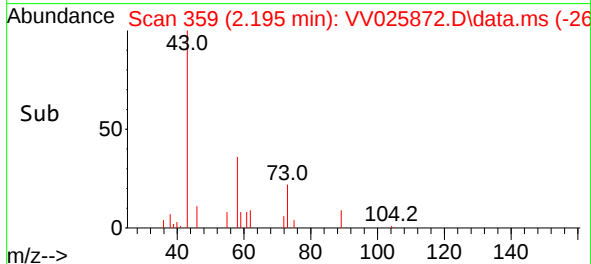
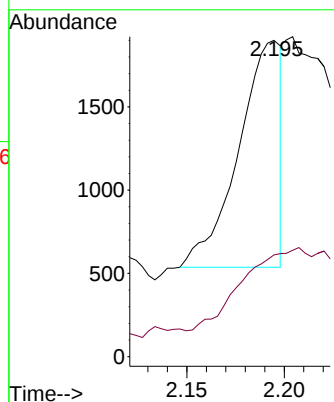
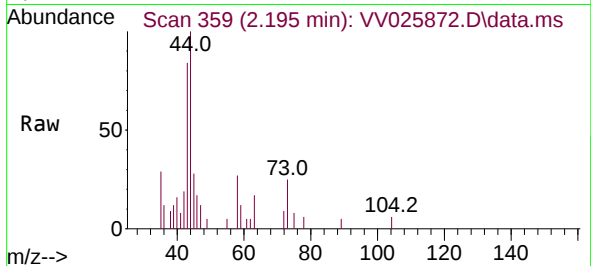




#13
Acetone
Concen: 66.285 ug/L
RT: 2.195 min Scan# 31
Delta R.T. 0.016 min
Lab File: VV025872.D
Acq: 10 May 2022 19:55

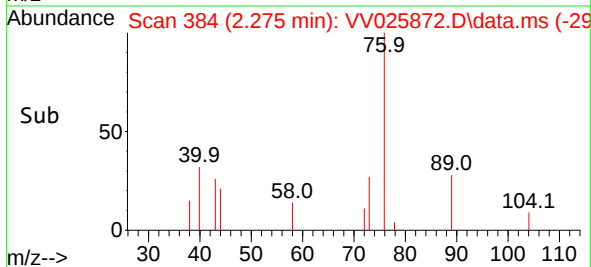
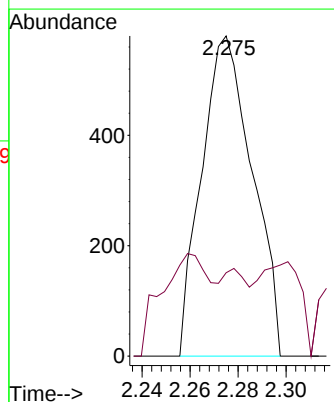
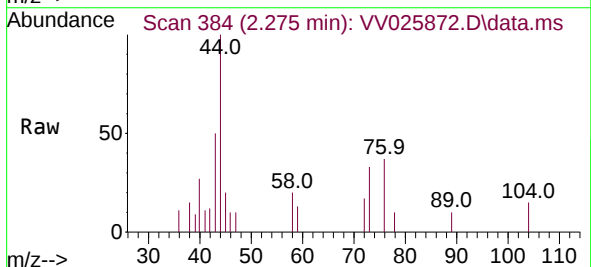
Instrument :
MSVOA_V
ClientSampleId :
EW2X6ME

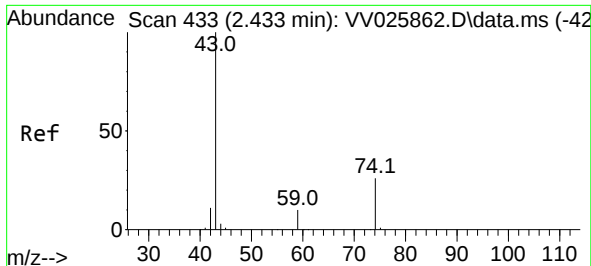
Tgt Ion: 43 Resp: 2069
Ion Ratio Lower Upper
43 100
58 56.4 0.0 65.0



#14
Carbon disulfide
Concen: 4.407 ug/L
RT: 2.275 min Scan# 384
Delta R.T. -0.019 min
Lab File: VV025872.D
Acq: 10 May 2022 19:55

Tgt Ion: 76 Resp: 851
Ion Ratio Lower Upper
76 100
78 26.0 7.4 11.0#

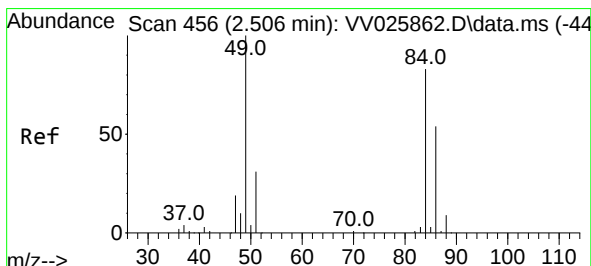
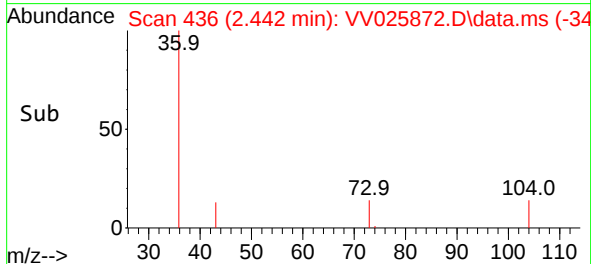
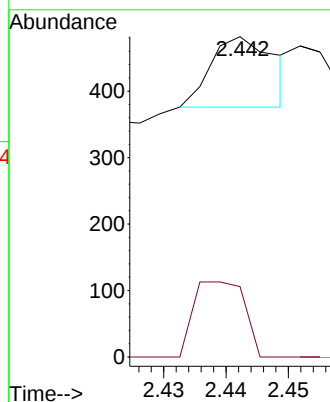
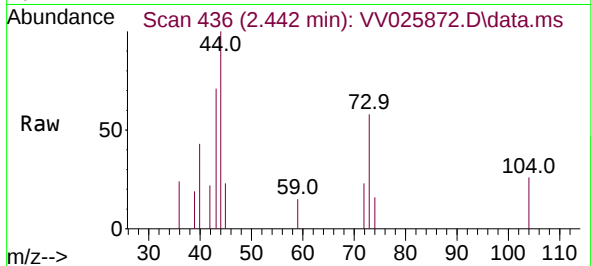




#15
Methyl Acetate
Concen: 1.122 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV025872.D
Acq: 10 May 2022 19:55

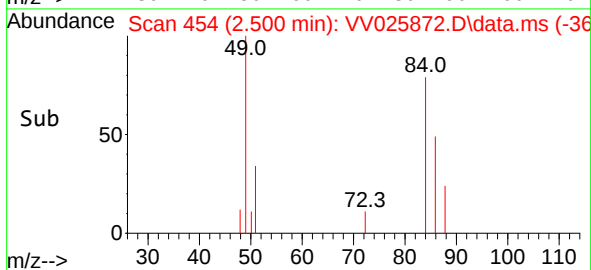
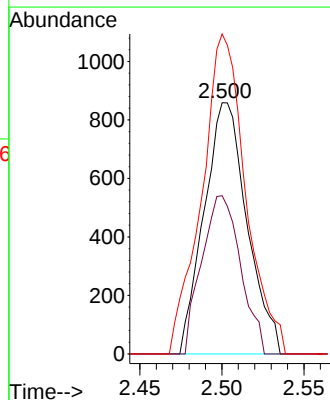
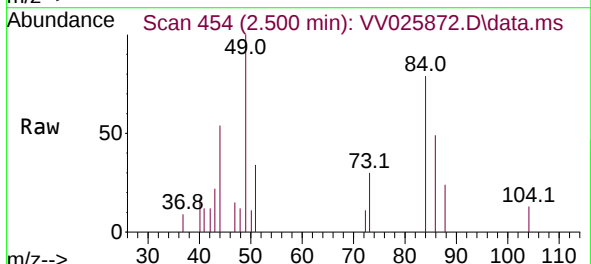
Instrument :
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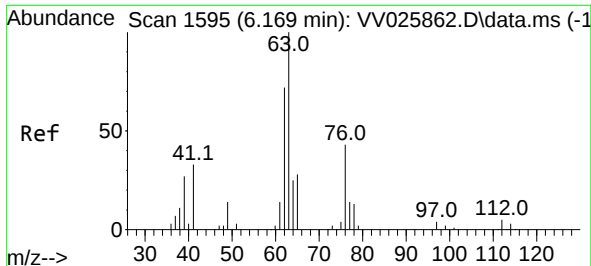
Tgt Ion: 43 Resp: 75
Ion Ratio Lower Upper
43 100
74 85.3 20.7 31.1#



#16
Methylene chloride
Concen: 20.644 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.006 min
Lab File: VV025872.D
Acq: 10 May 2022 19:55

Tgt Ion: 84 Resp: 1561
Ion Ratio Lower Upper
84 100
86 63.0 44.2 82.0
49 127.4 82.7 153.5





#37

1,2-Dichloropropane

Concen: 16.334 ug/L

RT: 6.076 min Scan# 1

Delta R.T. -0.093 min

Lab File: VV025872.D

Acq: 10 May 2022 19:55

Instrument :

MSVOA_V

ClientSampleId :

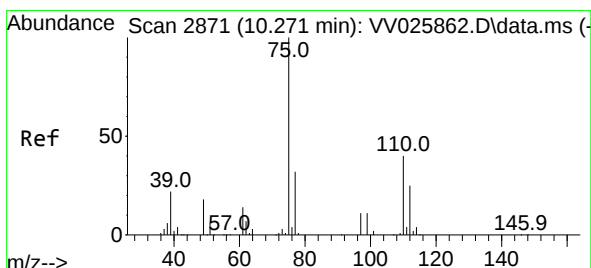
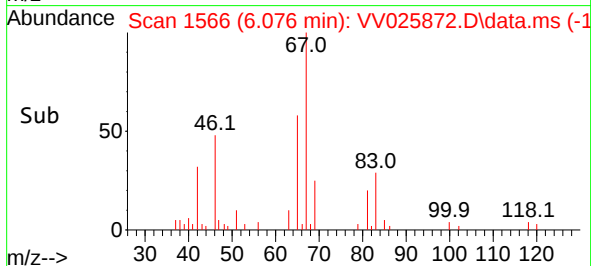
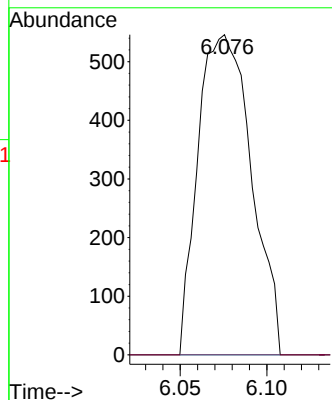
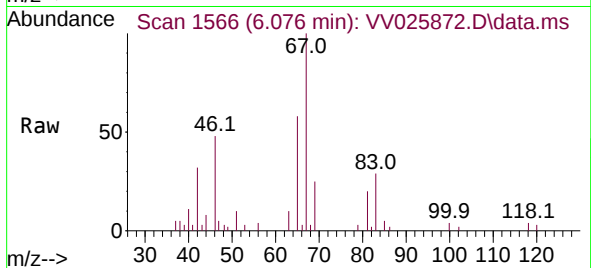
EW2X6ME

Tgt Ion: 63 Resp: 1172

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#61

1,2,3-Trichloropropane

Concen: 7.228 ug/L

RT: 11.262 min Scan# 3179

Delta R.T. 0.990 min

Lab File: VV025872.D

Acq: 10 May 2022 19:55

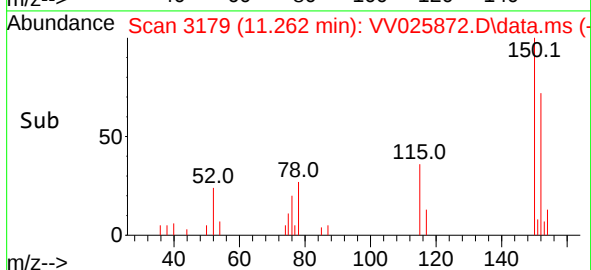
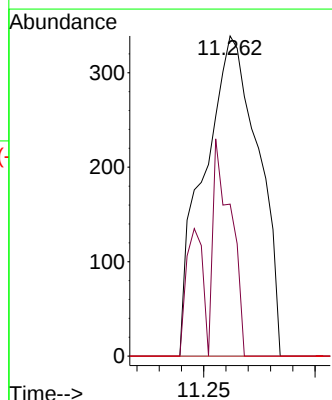
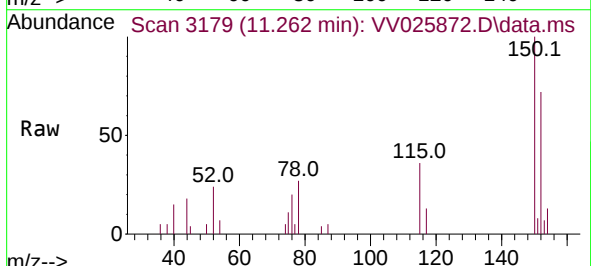
Tgt Ion: 75 Resp: 576

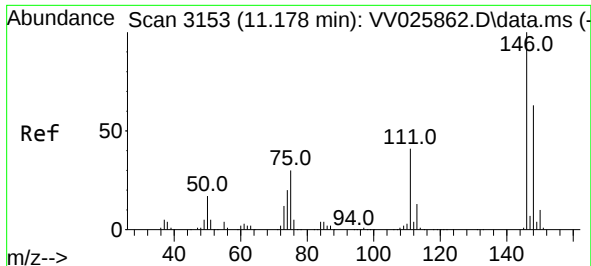
Ion Ratio Lower Upper

75 100

77 22.4 25.3 37.9#

110 0.0 32.3 48.5#

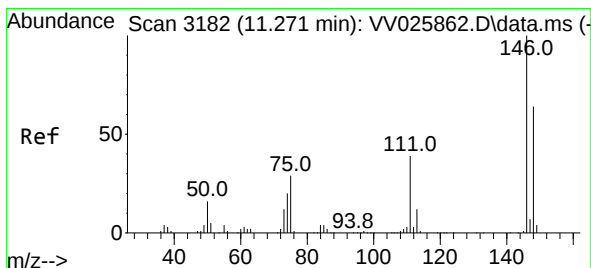
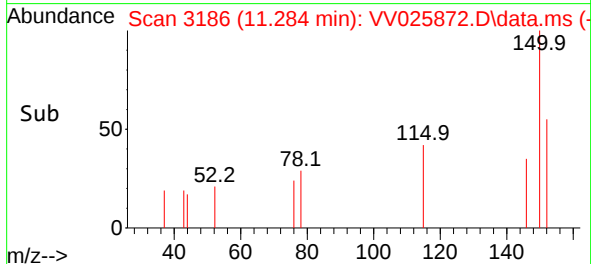
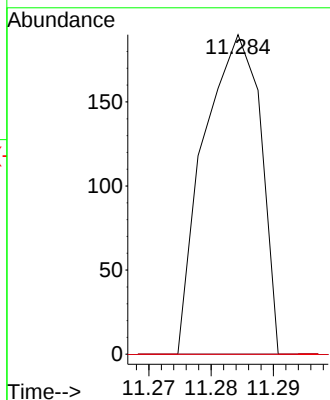
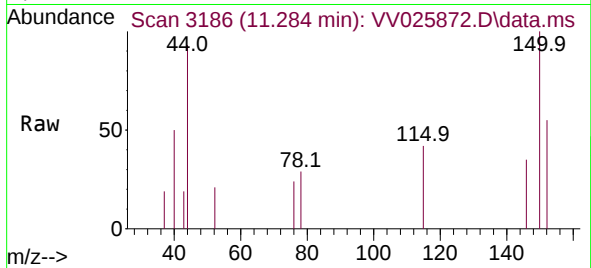




#64
1,3-Dichlorobenzene
Concen: 0.940 ug/L
RT: 11.284 min Scan# 3153
Delta R.T. 0.106 min
Lab File: VV025872.D
Acq: 10 May 2022 19:55

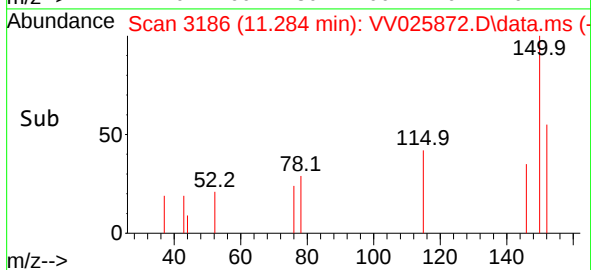
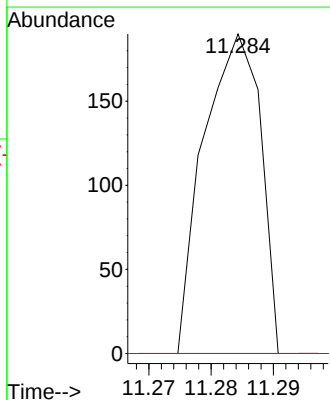
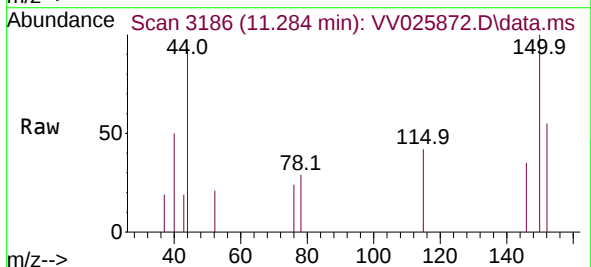
Instrument :
MSVOA_V
ClientSampleId :
EW2X6ME

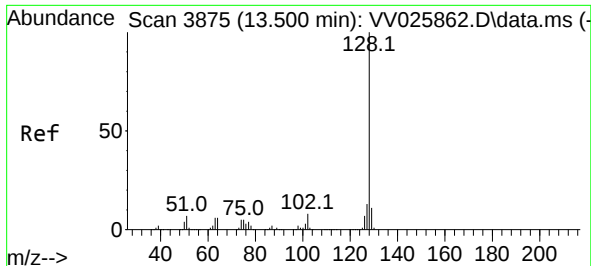
Tgt Ion:146 Resp: 120
Ion Ratio Lower Upper
146 100
111 0.0 28.1 52.1#
148 0.0 44.0 81.8#



#65
1,4-Dichlorobenzene
Concen: 0.897 ug/L
RT: 11.284 min Scan# 3186
Delta R.T. 0.013 min
Lab File: VV025872.D
Acq: 10 May 2022 19:55

Tgt Ion:146 Resp: 120
Ion Ratio Lower Upper
146 100
111 0.0 26.7 49.7#
148 0.0 44.2 82.2#

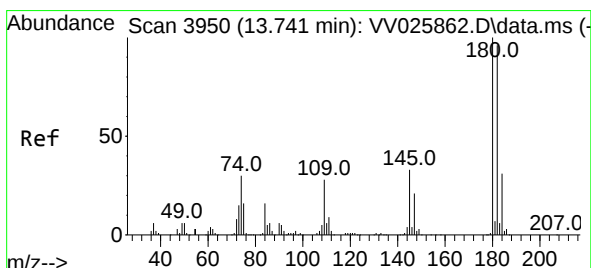
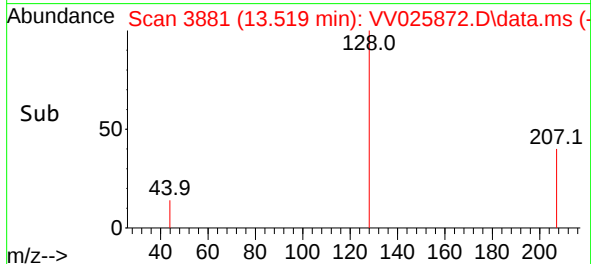
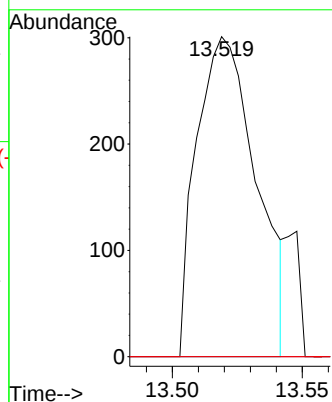
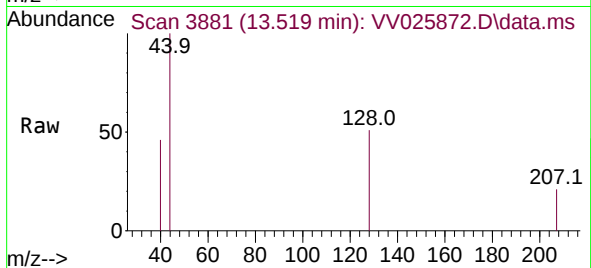




#71
Naphthalene
Concen: 2.164 ug/L
RT: 13.519 min Scan# 3881
Delta R.T. 0.019 min
Lab File: VV025872.D
Acq: 10 May 2022 19:55

Instrument :
MSVOA_V
ClientSampleId :
EW2X6ME

Tgt Ion:128 Resp: 481
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#



#72
1,2,3-Trichlorobenzene
Concen: 0.850 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.013 min
Lab File: VV025872.D
Acq: 10 May 2022 19:55

Tgt Ion:180 Resp: 65
Ion Ratio Lower Upper
180 100
182 0.0 75.8 113.8#
145 0.0 26.3 39.5#

