

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026445.D
 Acq On : 20 Jun 2022 14:53
 Operator : SY/MD
 Sample : N3355-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 02:34:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 02:31:12 2022
 Response via : Initial Calibration

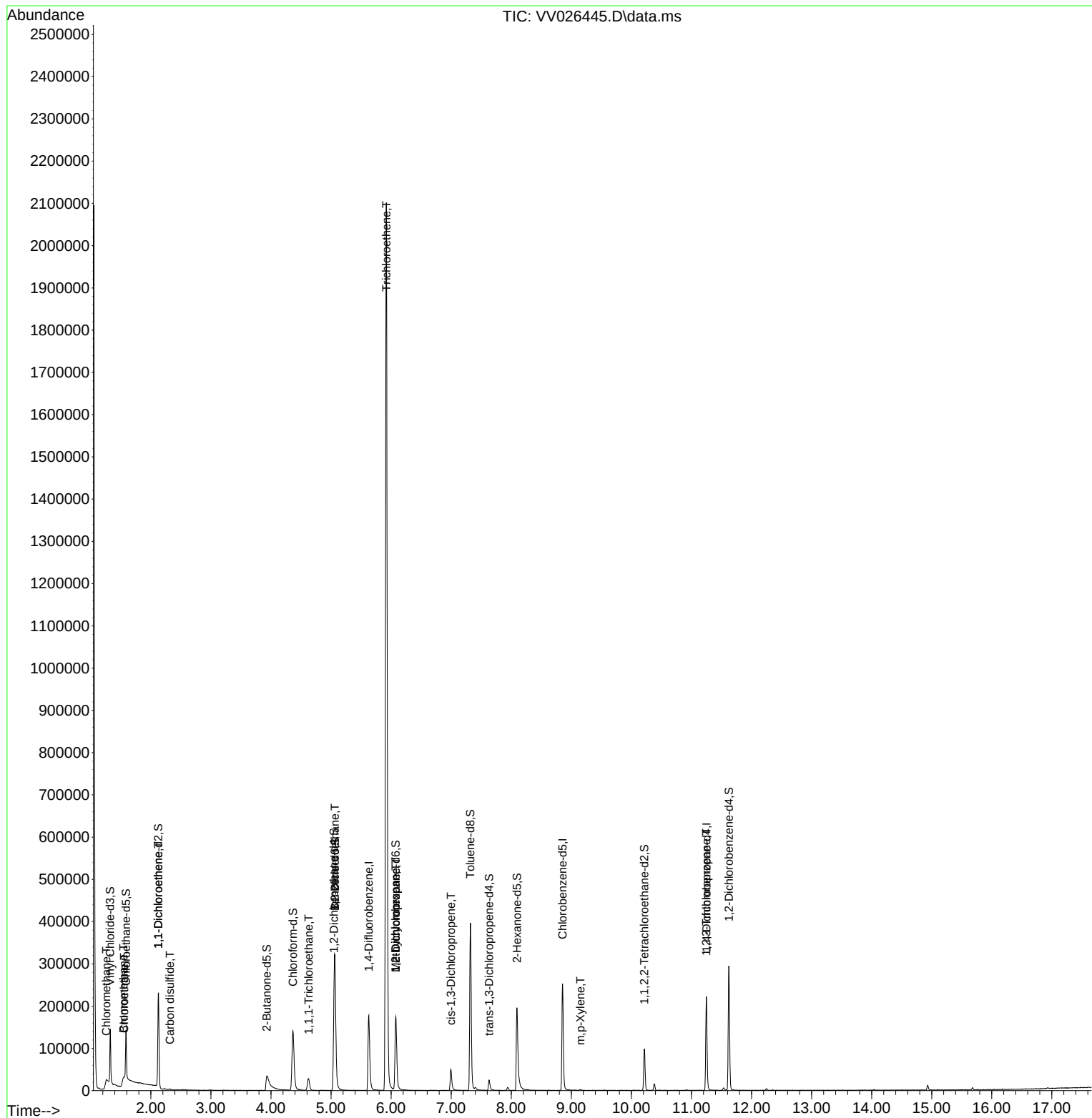
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	161311	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	145962	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59716	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	81879	5.844	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 116.800%		
7) Chloroethane-d5	1.587	69	71423	6.483	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 129.600%		
11) 1,1-Dichloroethene-d2	2.124	63	119882	4.983	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 99.600%		
20) 2-Butanone-d5	3.931	46	86878	63.547	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 127.100%		
24) Chloroform-d	4.365	84	153010	7.451	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 149.000%#		
26) 1,2-Dichloroethane-d4	5.047	65	60108	6.918	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 138.400%#		
32) Benzene-d6	5.063	84	312780	8.015	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 160.400%#		
36) 1,2-Dichloropropane-d6	6.079	67	91031	7.993	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 159.800%#		
41) Toluene-d8	7.320	98	271804	7.639	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 152.800%#		
43) trans-1,3-Dichloroprop...	7.632	79	16834	4.558	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 91.200%		
46) 2-Hexanone-d5	8.095	63	70963	63.610	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 127.220%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	49981	7.124	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 142.400%#		
66) 1,2-Dichlorobenzene-d4	11.622	152	79338	8.625	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 172.600%#		
Target Compounds						Qvalue
3) Chloromethane	1.259	50	2673	0.200	ug/L	92
6) Bromomethane	1.542	94	566	0.073	ug/L	99
8) Chloroethane	1.558	64	33477	3.873	ug/L #	49
12) 1,1-Dichloroethene	2.124	96	916	0.090	ug/L #	1
14) Carbon disulfide	2.317	76	3163	0.126	ug/L #	90
27) 1,2-Dichloroethane	5.063	62	1494	0.161	ug/L #	71
29) 1,1,1-Trichloroethane	4.625	97	22807	1.414	ug/L	97
34) Trichloroethene	5.921	95	740457	72.477	ug/L	98
35) Methylcyclohexane	6.079	83	21956	1.554	ug/L #	18
37) 1,2-Dichloropropane	6.079	63	9755	0.997	ug/L #	88
39) cis-1,3-Dichloropropene	6.995	75	1169	0.105	ug/L #	1
53) m,p-Xylene	9.153	106	876	0.057	ug/L	63
61) 1,2,3-Trichloropropane	11.246	75	7531	1.943	ug/L #	62

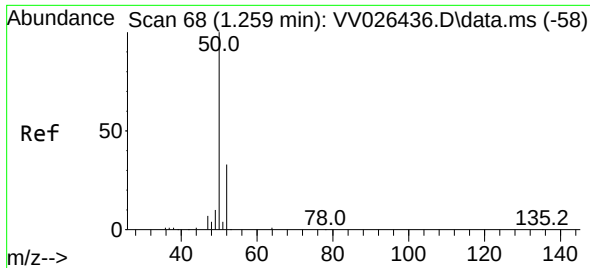
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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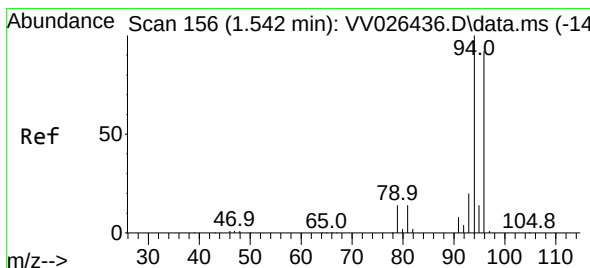
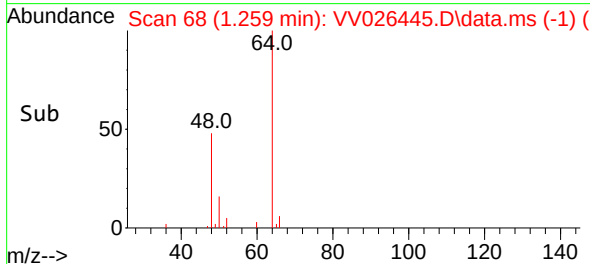
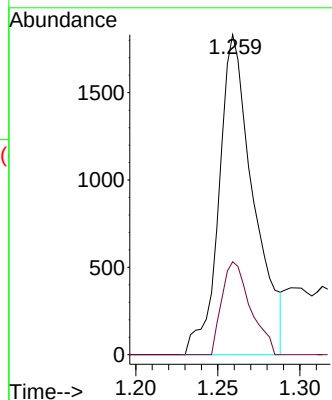
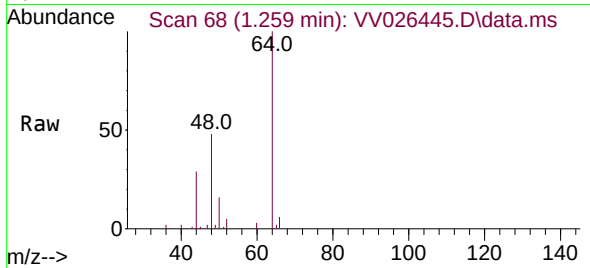




#3
Chloromethane
Concen: 0.200 ug/L
RT: 1.259 min Scan# 68
Delta R.T. 0.000 min
Lab File: VV026445.D
Acq: 20 Jun 2022 14:53

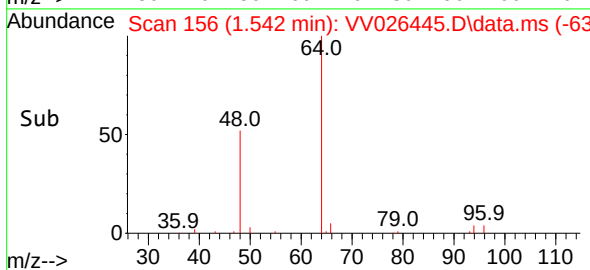
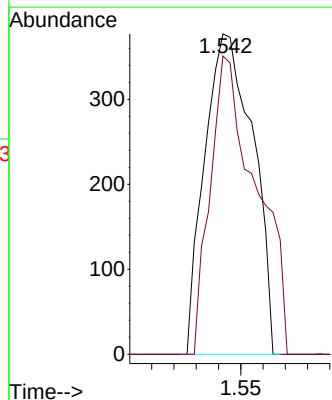
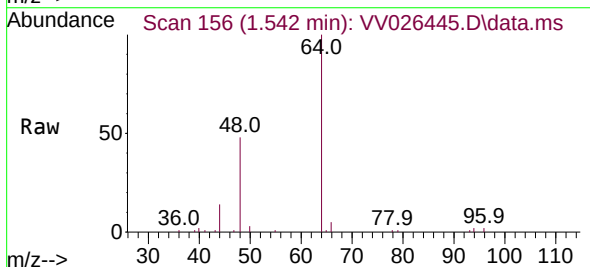
Instrument :
MSVOA_V
ClientSampleId :

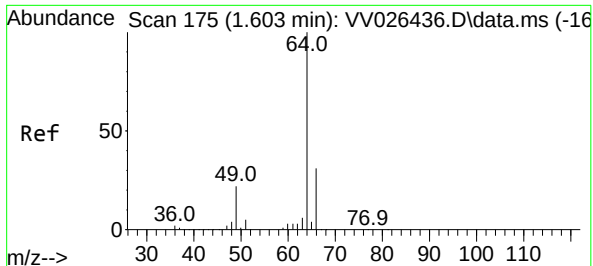
Tgt Ion: 50 Resp: 2673
Ion Ratio Lower Upper
50 100
52 29.0 23.7 44.1



#6
Bromomethane
Concen: 0.073 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.000 min
Lab File: VV026445.D
Acq: 20 Jun 2022 14:53

Tgt Ion: 94 Resp: 566
Ion Ratio Lower Upper
94 100
96 93.1 65.7 121.9

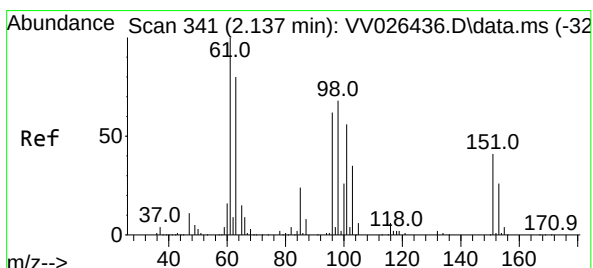
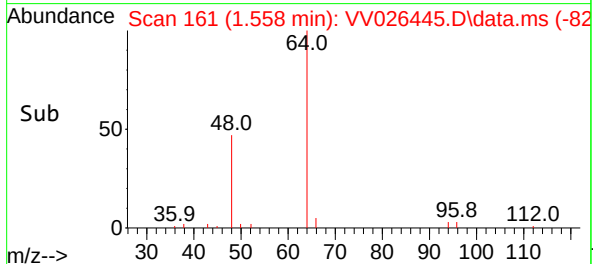
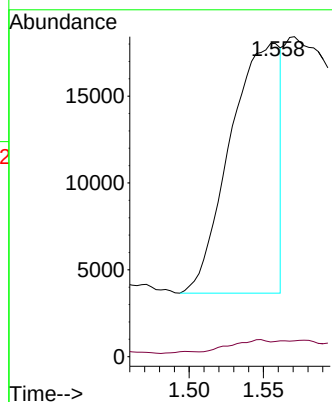
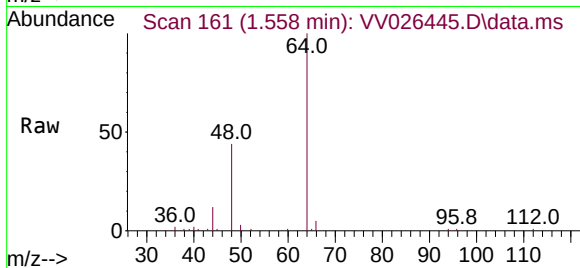




#8
Chloroethane
Concen: 3.873 ug/L
RT: 1.558 min Scan# 1
Delta R.T. -0.045 min
Lab File: VV026445.D
Acq: 20 Jun 2022 14:53

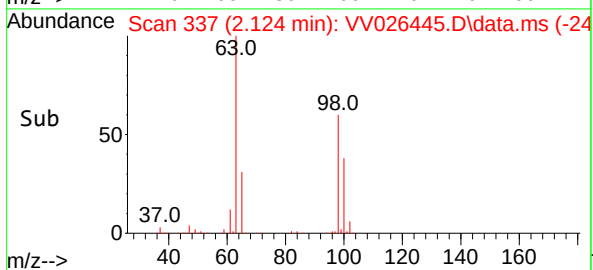
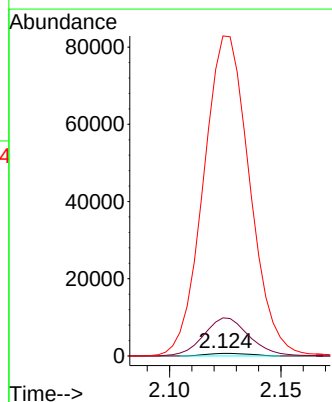
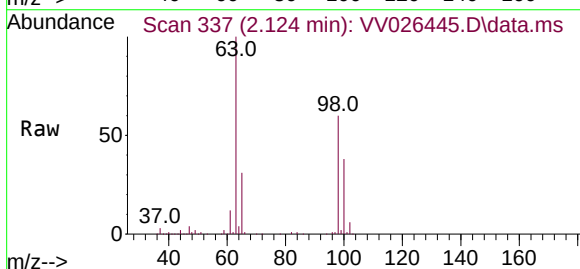
Instrument :
MSVOA_V
ClientSampleId :

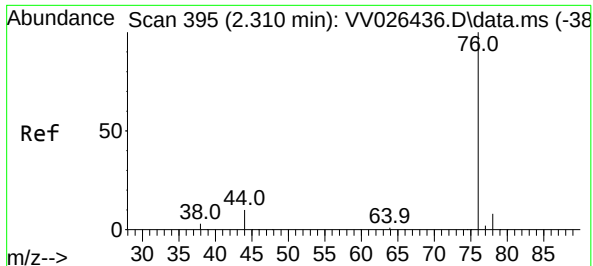
Tgt Ion: 64 Resp: 33477
Ion Ratio Lower Upper
64 100
66 4.8 24.1 44.7#



#12
1,1-Dichloroethene
Concen: 0.090 ug/L
RT: 2.124 min Scan# 337
Delta R.T. -0.013 min
Lab File: VV026445.D
Acq: 20 Jun 2022 14:53

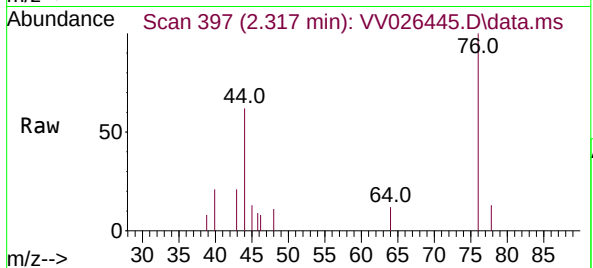
Tgt Ion: 96 Resp: 916
Ion Ratio Lower Upper
96 100
61 1460.0 117.1 217.5#
63 12279.7 92.8 172.4#



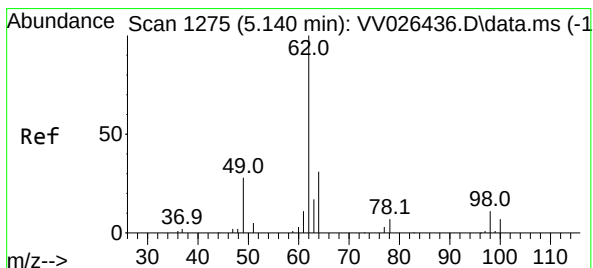
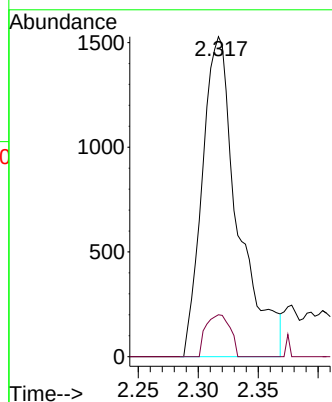
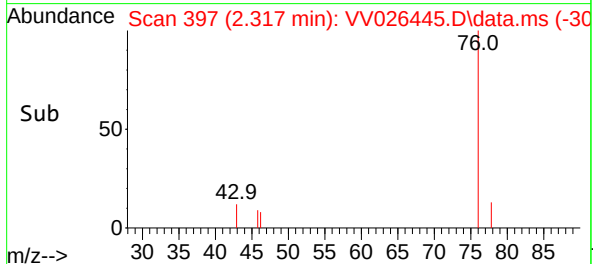


#14
Carbon disulfide
Concen: 0.126 ug/L
RT: 2.317 min Scan# 397
Delta R.T. 0.006 min
Lab File: VV026445.D
Acq: 20 Jun 2022 14:53

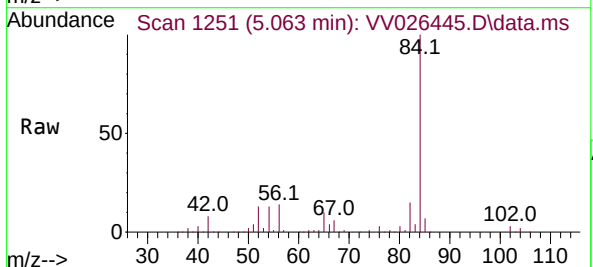
Instrument :
MSVOA_V
ClientSampleId :



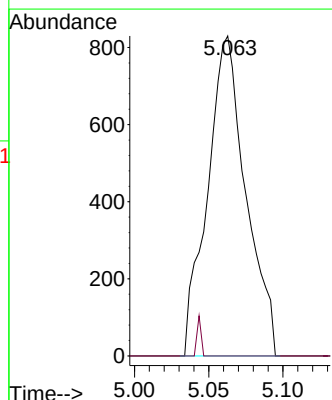
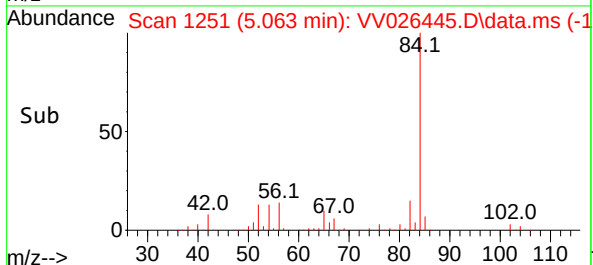
Tgt Ion: 76 Resp: 3163
Ion Ratio Lower Upper
76 100
78 13.1 7.7 11.5#

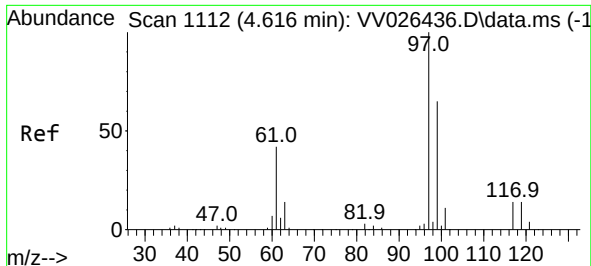


#27
1,2-Dichloroethane
Concen: 0.161 ug/L
RT: 5.063 min Scan# 1251
Delta R.T. -0.077 min
Lab File: VV026445.D
Acq: 20 Jun 2022 14:53



Tgt Ion: 62 Resp: 1494
Ion Ratio Lower Upper
62 100
98 0.0 8.6 13.0#





#29

1,1,1-Trichloroethane

Concen: 1.414 ug/L

RT: 4.625 min Scan# 1115

Delta R.T. 0.010 min

Lab File: VV026445.D

Acq: 20 Jun 2022 14:53

Instrument :

MSVOA_V

ClientSampleId :

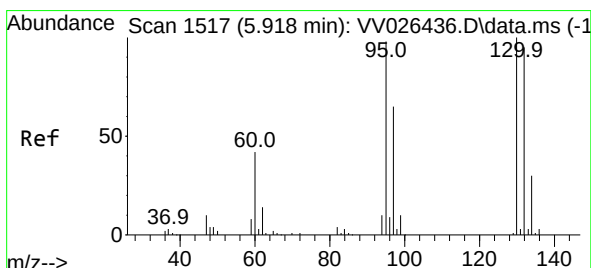
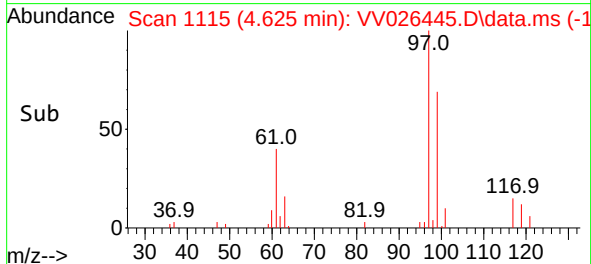
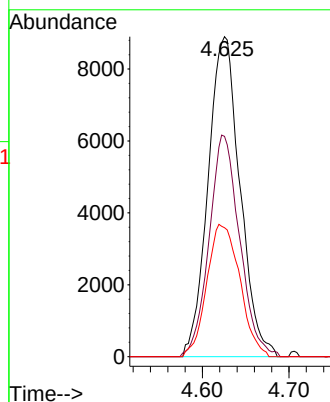
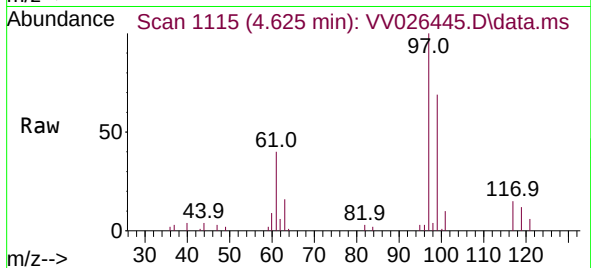
Tgt Ion: 97 Resp: 22807

Ion Ratio Lower Upper

97 100

99 66.2 50.3 75.5

61 42.7 33.4 50.0



#34

Trichloroethene

Concen: 72.477 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.003 min

Lab File: VV026445.D

Acq: 20 Jun 2022 14:53

Tgt Ion: 95 Resp: 740457

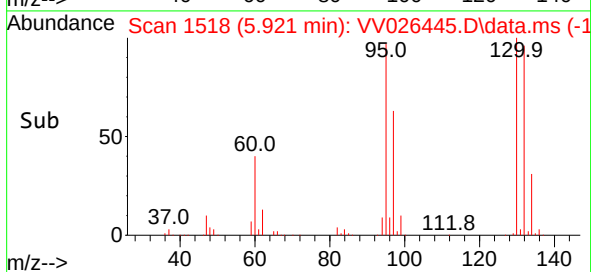
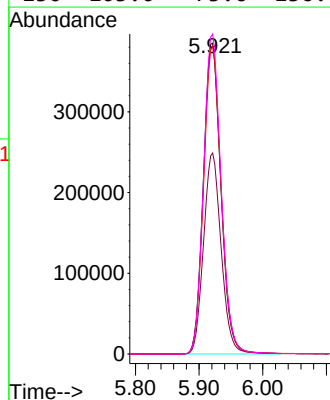
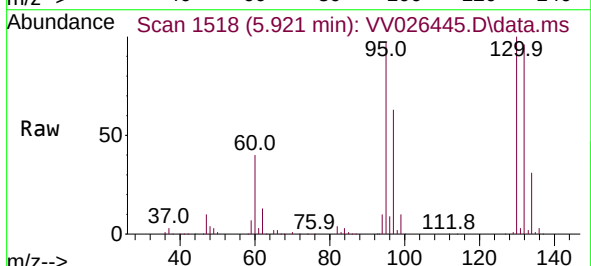
Ion Ratio Lower Upper

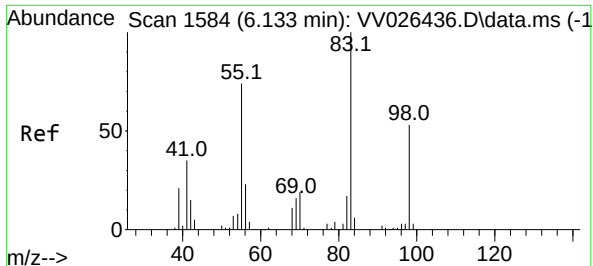
95 100

97 64.7 46.5 86.3

132 99.0 68.8 127.8

130 103.0 73.6 136.6





#35

Methylcyclohexane

Concen: 1.554 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.055 min

Lab File: VV026445.D

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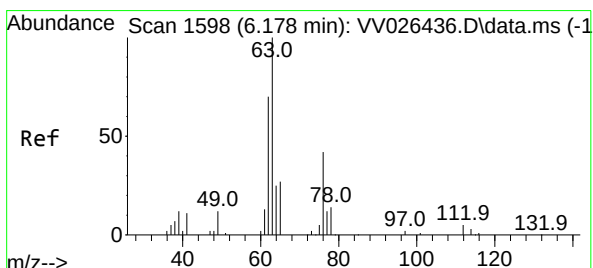
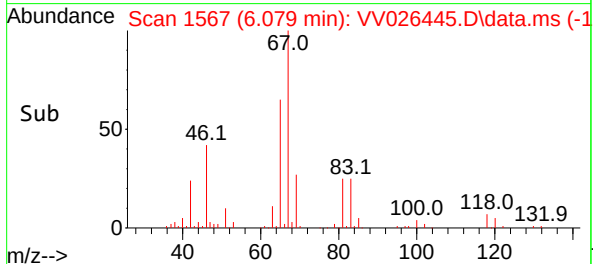
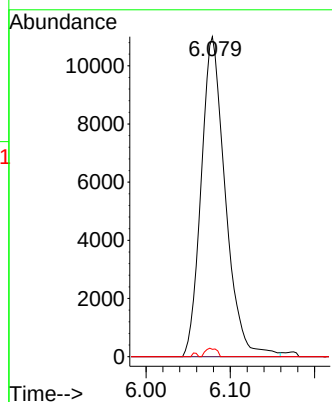
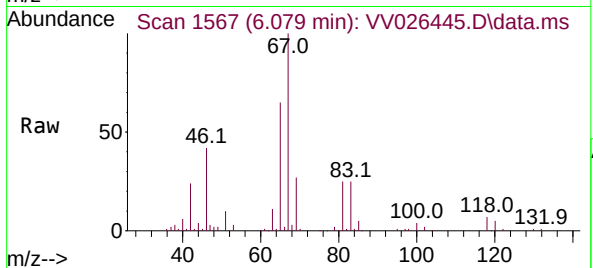
Tgt Ion: 83 Resp: 21956

Ion Ratio Lower Upper

83 100

55 0.0 59.3 88.9#

98 0.0 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.997 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.100 min

Lab File: VV026445.D

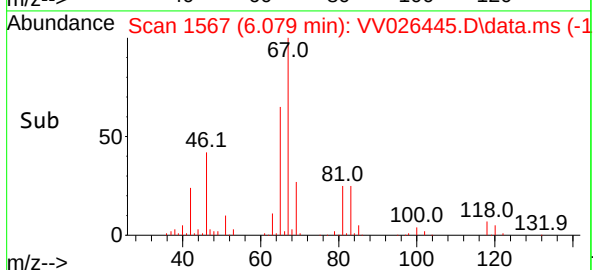
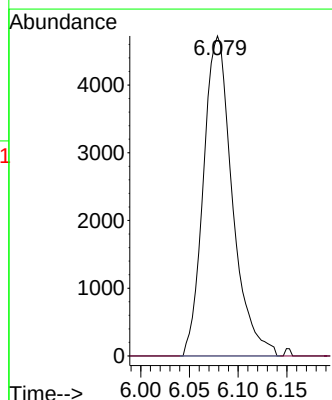
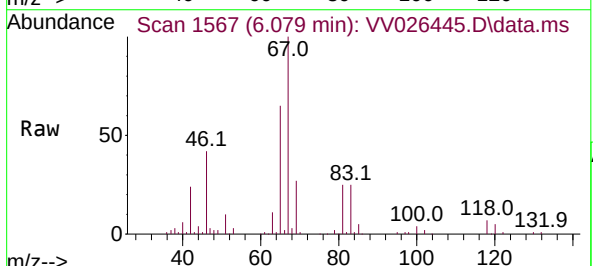
Acq: 20 Jun 2022 14:53

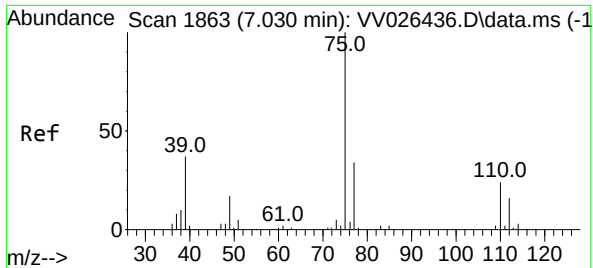
Tgt Ion: 63 Resp: 9755

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV026445.D

Acq: 20 Jun 2022 14:53

Instrument :

MSVOA_V

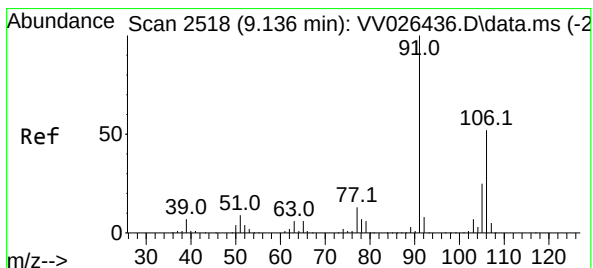
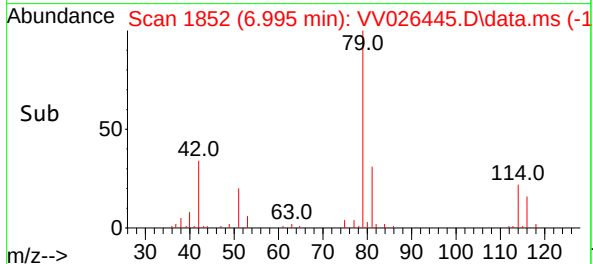
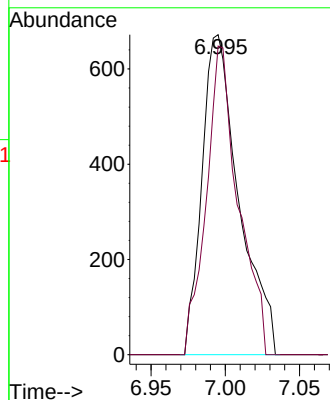
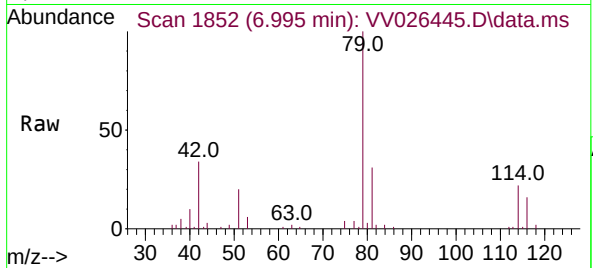
ClientSampleId :

Tgt Ion: 75 Resp: 1169

Ion Ratio Lower Upper

75 100

77 96.4 23.0 42.6#



#53

m,p-Xylene

Concen: 0.057 ug/L

RT: 9.153 min Scan# 2523

Delta R.T. 0.016 min

Lab File: VV026445.D

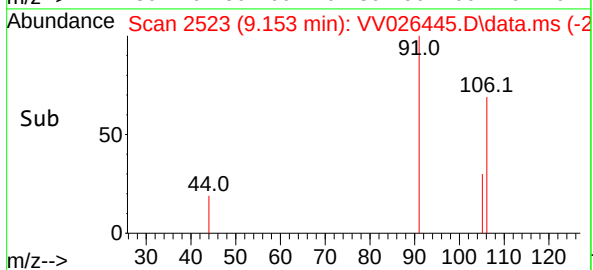
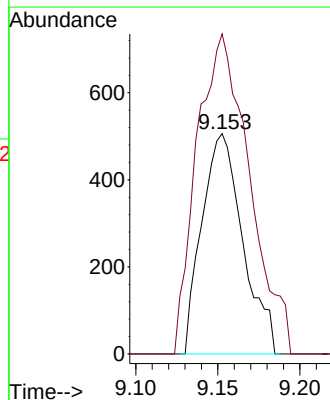
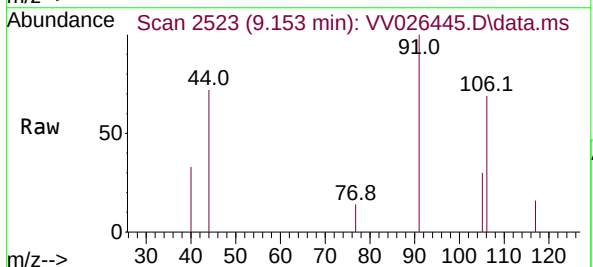
Acq: 20 Jun 2022 14:53

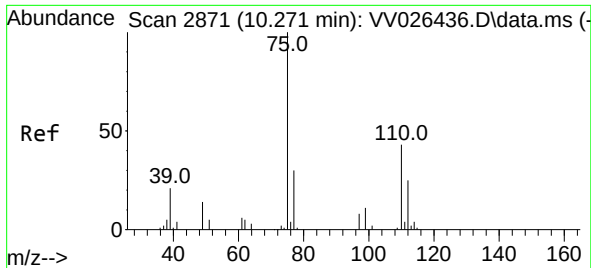
Tgt Ion: 106 Resp: 876

Ion Ratio Lower Upper

106 100

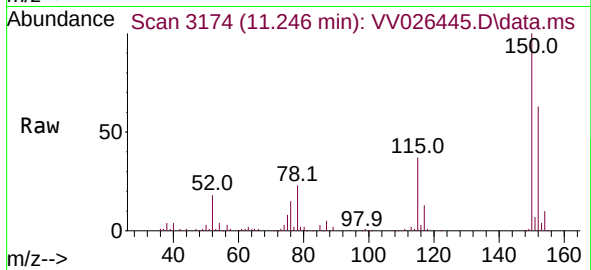
91 145.3 141.3 262.3





#61
 1,2,3-Trichloropropane
 Concen: 1.943 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026445.D
 Acq: 20 Jun 2022 14:53

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 7531
 Ion Ratio Lower Upper
 75 100
 77 27.4 26.9 40.3
 110 0.9 30.7 46.1#

