

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026444.D
 Acq On : 20 Jun 2022 14:29
 Operator : SY/MD
 Sample : N3355-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 02:34:18 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)

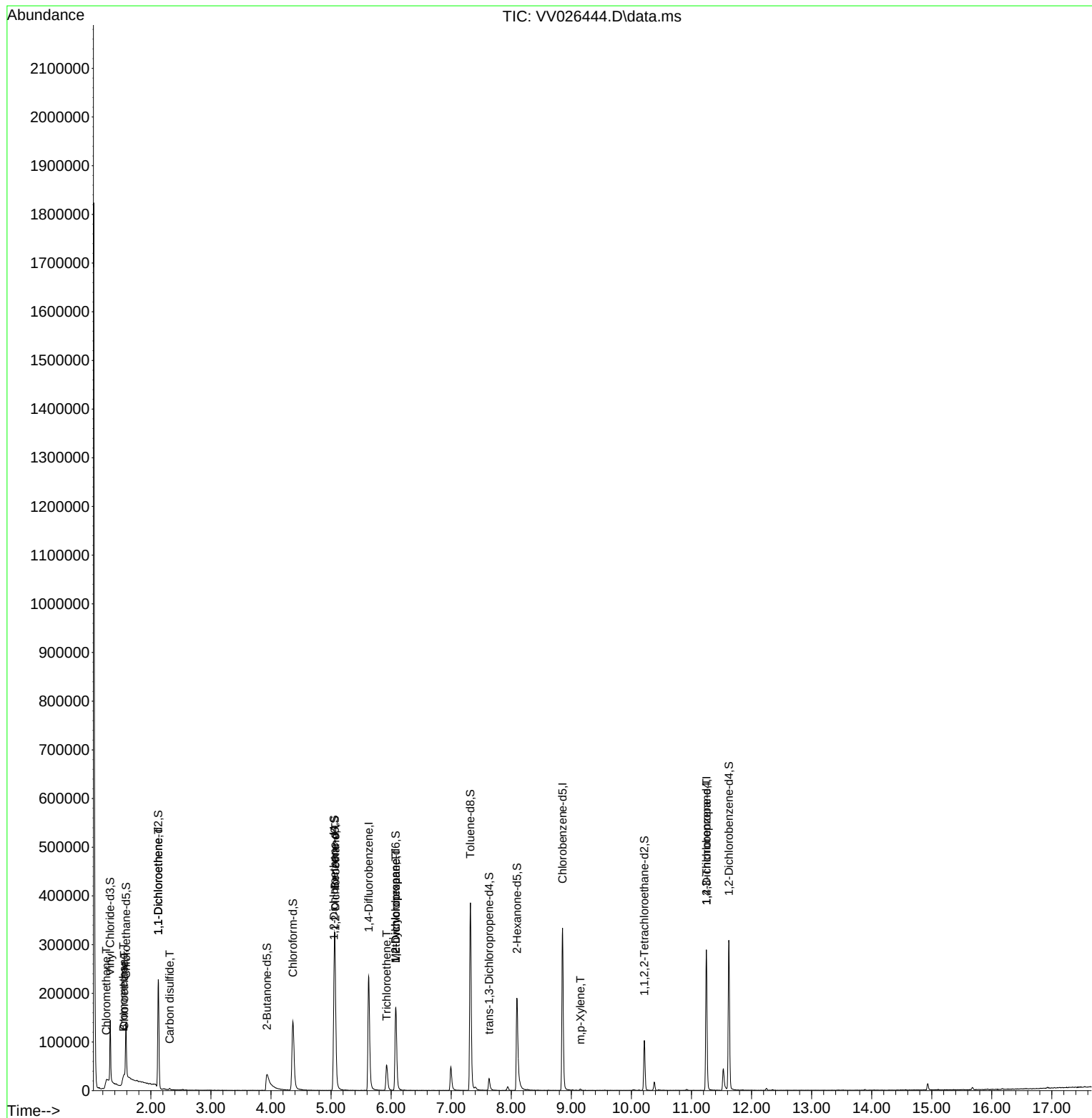
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	212838	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	193106	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79114	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	82896	4.484	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.600%	
7) Chloroethane-d5	1.587	69	70892	4.877	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.600%	
11) 1,1-Dichloroethene-d2	2.124	63	118089	3.720	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.400%	
20) 2-Butanone-d5	3.934	46	87624	48.576	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.160%	
24) Chloroform-d	4.365	84	151416	5.588	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.800%	
26) 1,2-Dichloroethane-d4	5.047	65	60272	5.258	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.200%	
32) Benzene-d6	5.063	84	315068	6.103	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	122.000%	
36) 1,2-Dichloropropane-d6	6.079	67	89438	5.936	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	118.800%	
41) Toluene-d8	7.320	98	266215	5.655	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.200%	
43) trans-1,3-Dichloroprop...	7.632	79	16838	3.446	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.000%	
46) 2-Hexanone-d5	8.095	63	69864	47.336	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.680%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	49634	5.347	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	79244	6.503	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	130.000%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.259	50	1684	0.095	ug/L	93
6) Bromomethane	1.542	94	568	0.055	ug/L	87
8) Chloroethane	1.555	64	32096	2.814	ug/L #	50
12) 1,1-Dichloroethene	2.124	96	1166	0.087	ug/L #	1
14) Carbon disulfide	2.314	76	3812	0.115	ug/L	96
27) 1,2-Dichloroethane	5.072	62	813	0.066	ug/L #	71
34) Trichloroethene	5.924	95	19820	1.466	ug/L	99
35) Methylcyclohexane	6.079	83	21844	1.168	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	9394	0.725	ug/L #	89
53) m,p-Xylene	9.149	106	985	0.048	ug/L	86
61) 1,2,3-Trichloropropane	11.249	75	9401	1.831	ug/L #	66

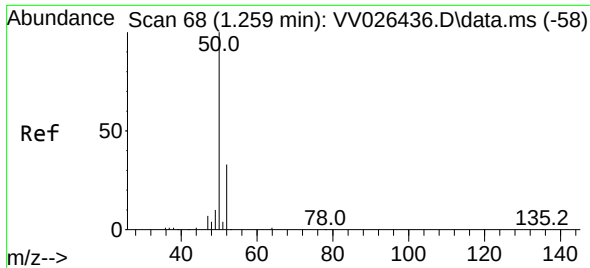
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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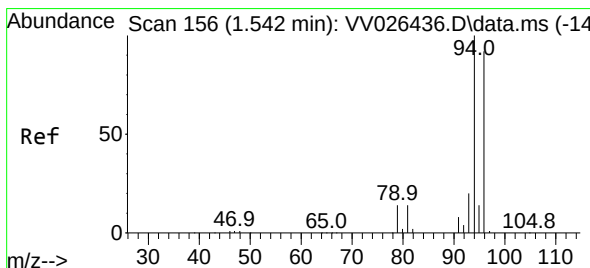
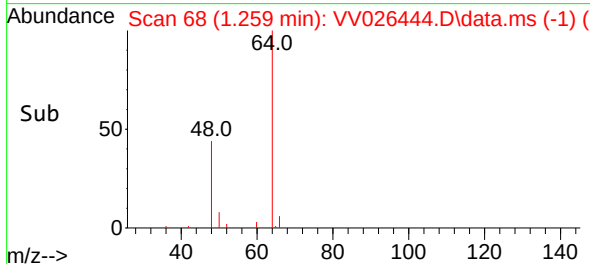
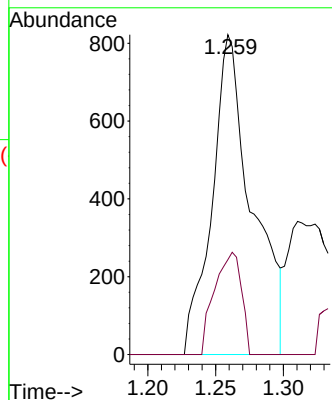
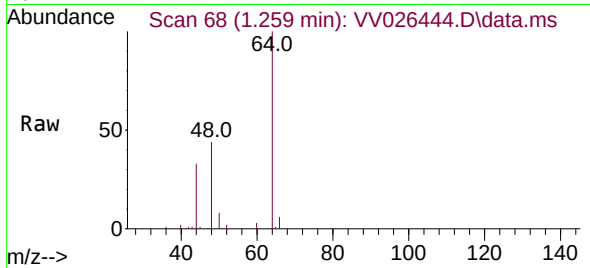




#3
Chloromethane
Concen: 0.095 ug/L
RT: 1.259 min Scan# 68
Delta R.T. 0.000 min
Lab File: VV026444.D
Acq: 20 Jun 2022 14:29

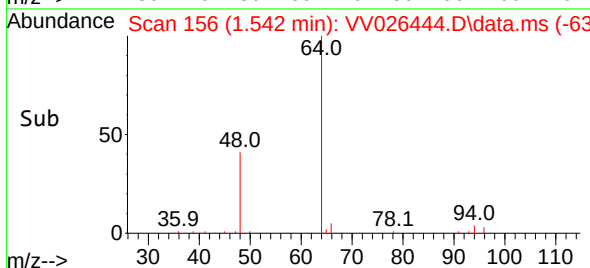
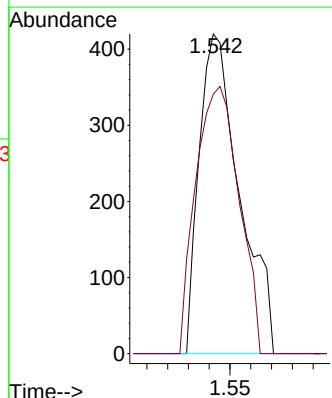
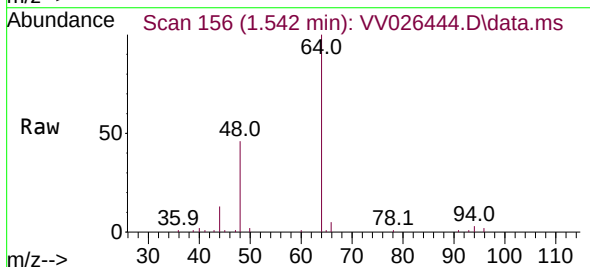
Instrument :
MSVOA_V
ClientSampleId :

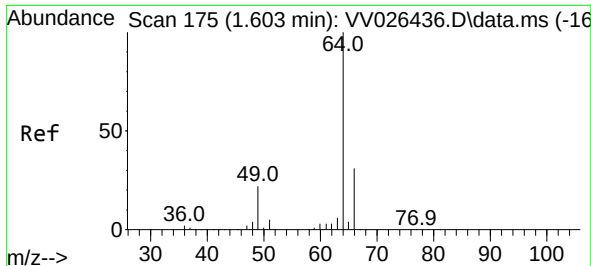
Tgt Ion: 50 Resp: 1684
Ion Ratio Lower Upper
50 100
52 29.7 23.7 44.1



#6
Bromomethane
Concen: 0.055 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.000 min
Lab File: VV026444.D
Acq: 20 Jun 2022 14:29

Tgt Ion: 94 Resp: 568
Ion Ratio Lower Upper
94 100
96 81.2 65.7 121.9

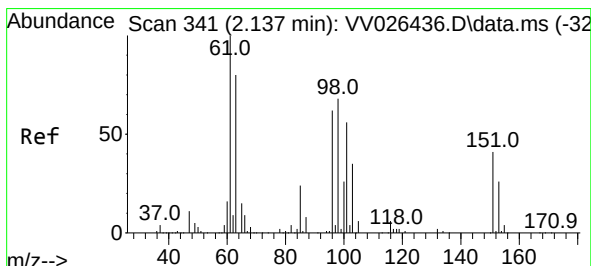
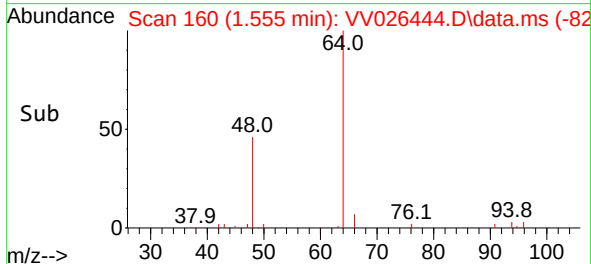
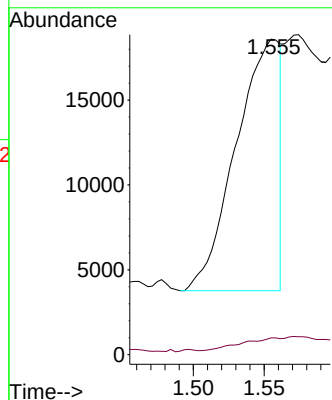
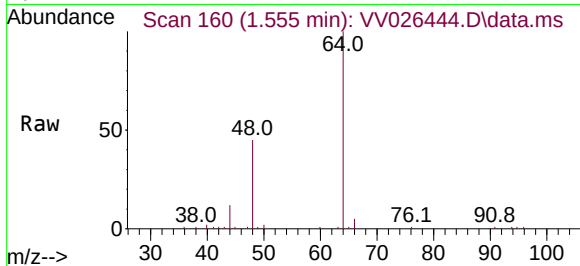




#8
Chloroethane
Concen: 2.814 ug/L
RT: 1.555 min Scan# 1
Delta R.T. -0.048 min
Lab File: VV026444.D
Acq: 20 Jun 2022 14:29

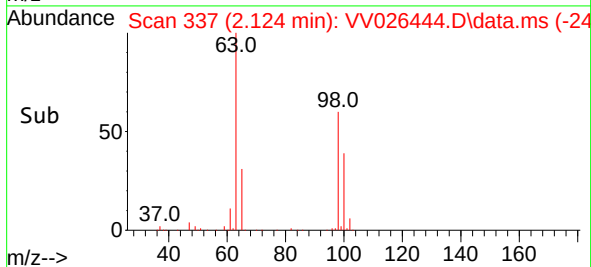
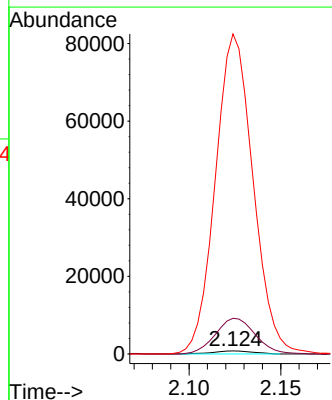
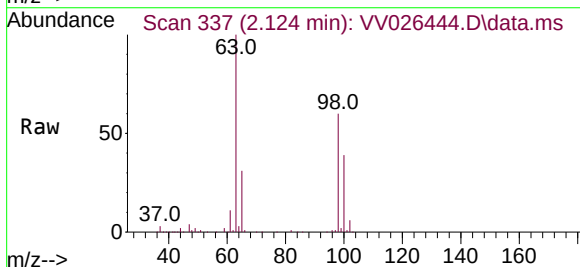
Instrument :
MSVOA_V
ClientSampleId :

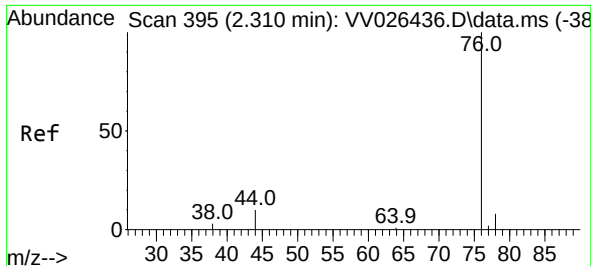
Tgt Ion: 64 Resp: 32096
Ion Ratio Lower Upper
64 100
66 5.3 24.1 44.7#



#12
1,1-Dichloroethene
Concen: 0.087 ug/L
RT: 2.124 min Scan# 337
Delta R.T. -0.013 min
Lab File: VV026444.D
Acq: 20 Jun 2022 14:29

Tgt Ion: 96 Resp: 1166
Ion Ratio Lower Upper
96 100
61 1168.1 117.1 217.5#
63 10465.0 92.8 172.4#





#14

Carbon disulfide

Concen: 0.115 ug/L

RT: 2.314 min Scan# 395

Delta R.T. 0.003 min

Lab File: VV026444.D

Acq: 20 Jun 2022 14:29

Instrument :

MSVOA_V

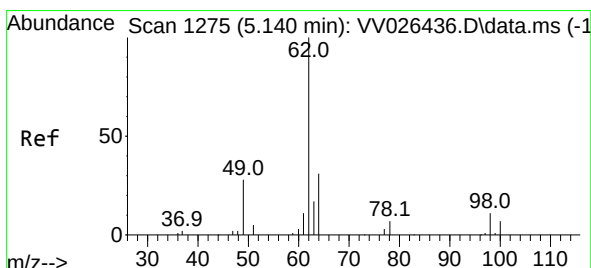
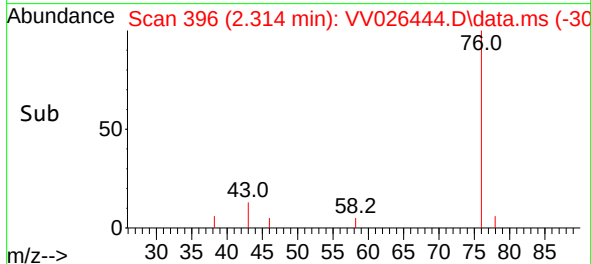
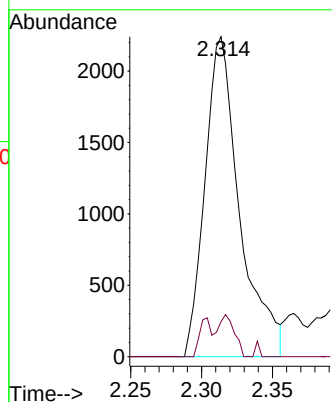
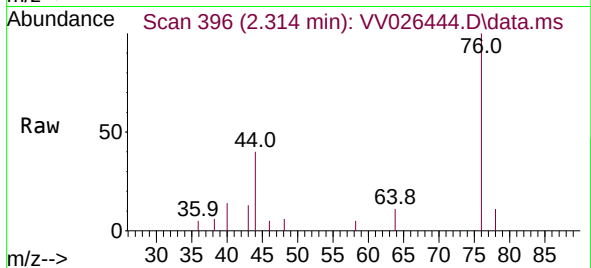
ClientSampleId :

Tgt Ion: 76 Resp: 3812

Ion Ratio Lower Upper

76 100

78 10.9 7.7 11.5



#27

1,2-Dichloroethane

Concen: 0.066 ug/L

RT: 5.072 min Scan# 1254

Delta R.T. -0.067 min

Lab File: VV026444.D

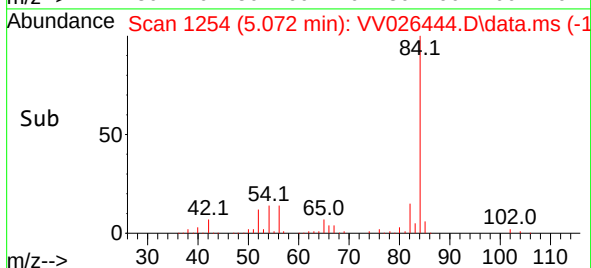
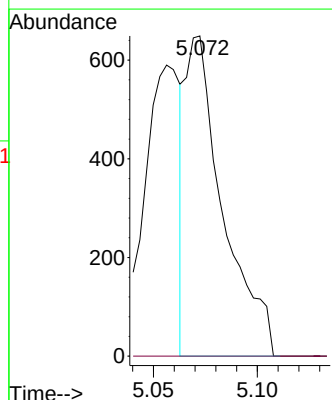
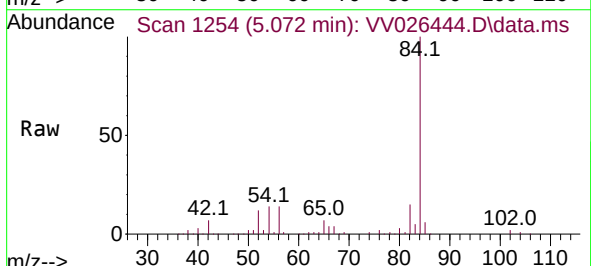
Acq: 20 Jun 2022 14:29

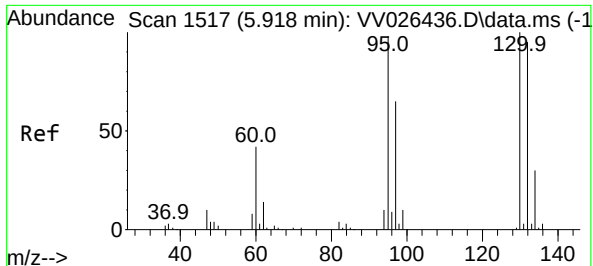
Tgt Ion: 62 Resp: 813

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#

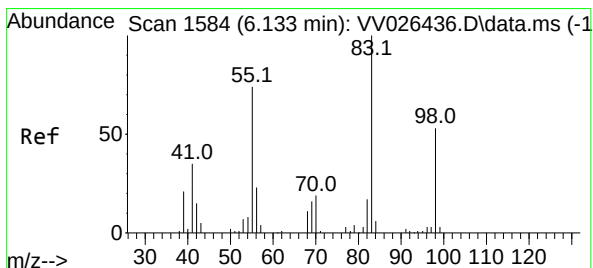
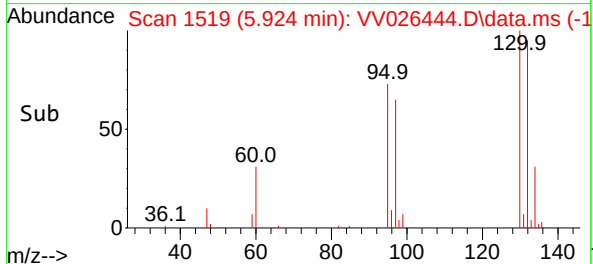
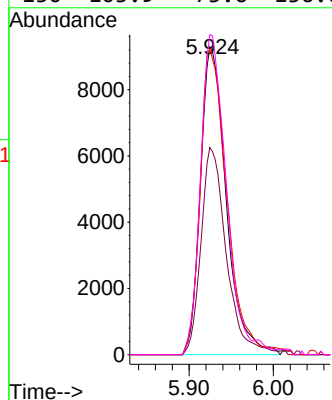
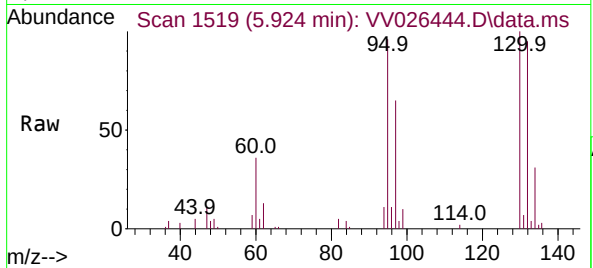




#34
Trichloroethene
Concen: 1.466 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.007 min
Lab File: VV026444.D
Acq: 20 Jun 2022 14:29

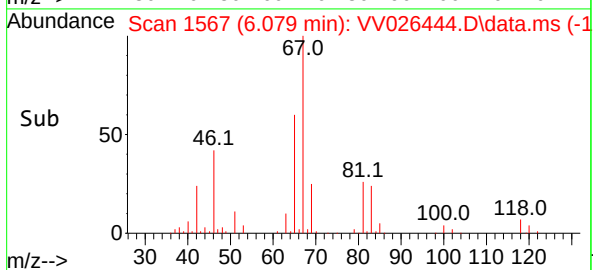
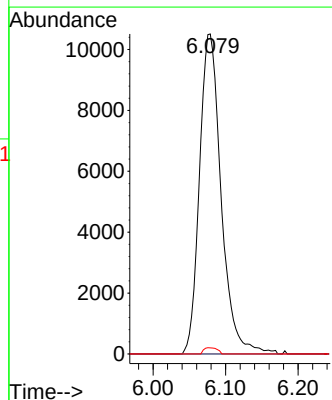
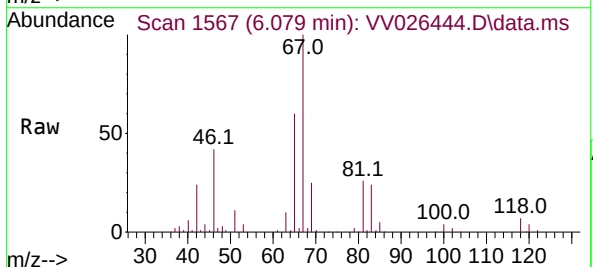
Instrument :
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ClientSampleId :

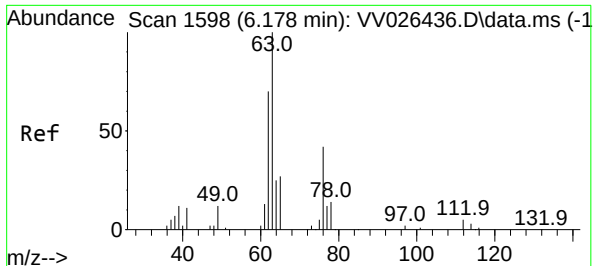
Tgt Ion: 95 Resp: 19820
Ion Ratio Lower Upper
95 100
97 67.3 46.5 86.3
132 99.3 68.8 127.8
130 103.9 73.6 136.6



#35
Methylcyclohexane
Concen: 1.168 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.055 min
Lab File: VV026444.D
Acq: 20 Jun 2022 14:29

Tgt Ion: 83 Resp: 21844
Ion Ratio Lower Upper
83 100
55 0.0 59.3 88.9#
98 1.2 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.725 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026444.D

Acq: 20 Jun 2022 14:29

Instrument :

MSVOA_V

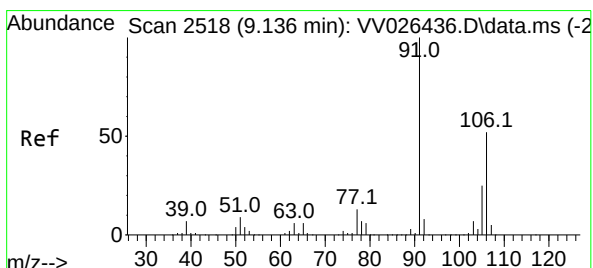
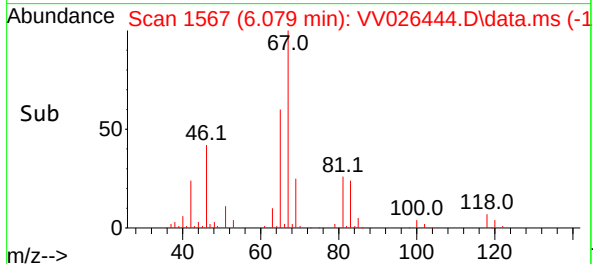
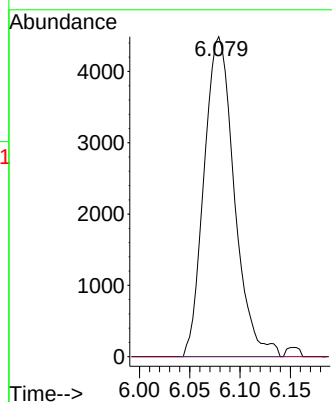
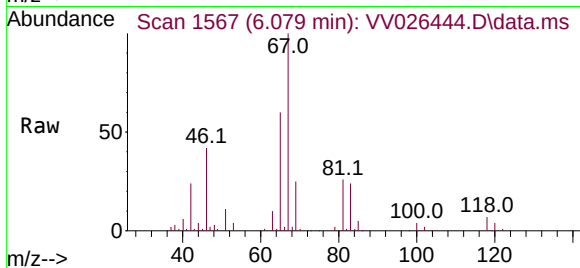
ClientSampleId :

Tgt Ion: 63 Resp: 9394

Ion Ratio Lower Upper

63 100

112 0.5 3.3 4.9#



#53

m,p-Xylene

Concen: 0.048 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.013 min

Lab File: VV026444.D

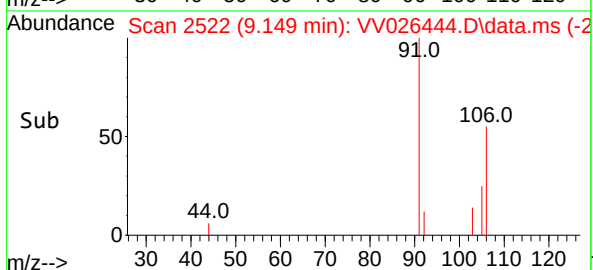
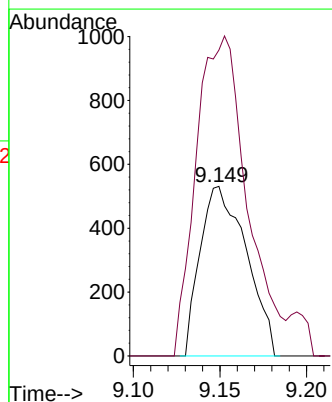
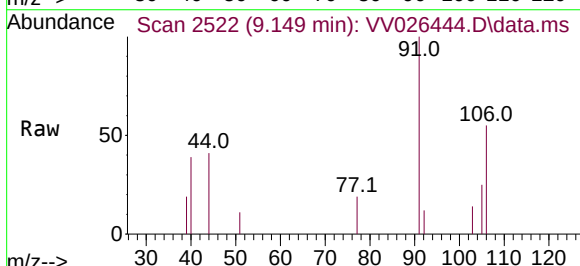
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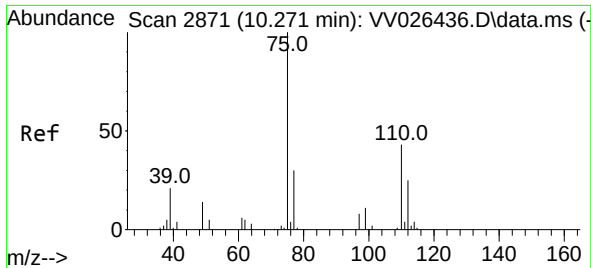
Tgt Ion: 106 Resp: 985

Ion Ratio Lower Upper

106 100

91 180.4 141.3 262.3





#61

1,2,3-Trichloropropane

Concen: 1.831 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.978 min

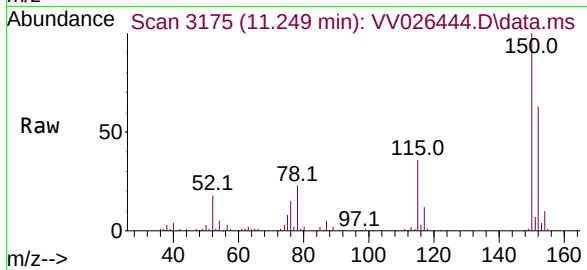
Lab File: VV026444.D

Acq: 20 Jun 2022 14:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 9401

Ion Ratio Lower Upper

75 100

77 29.9 26.9 40.3

110 2.8 30.7 46.1#

