

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026454.D
 Acq On : 20 Jun 2022 18:37
 Operator : SY/MD
 Sample : N3358-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:39:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 05:26:17 2022
 Response via : Initial Calibration

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

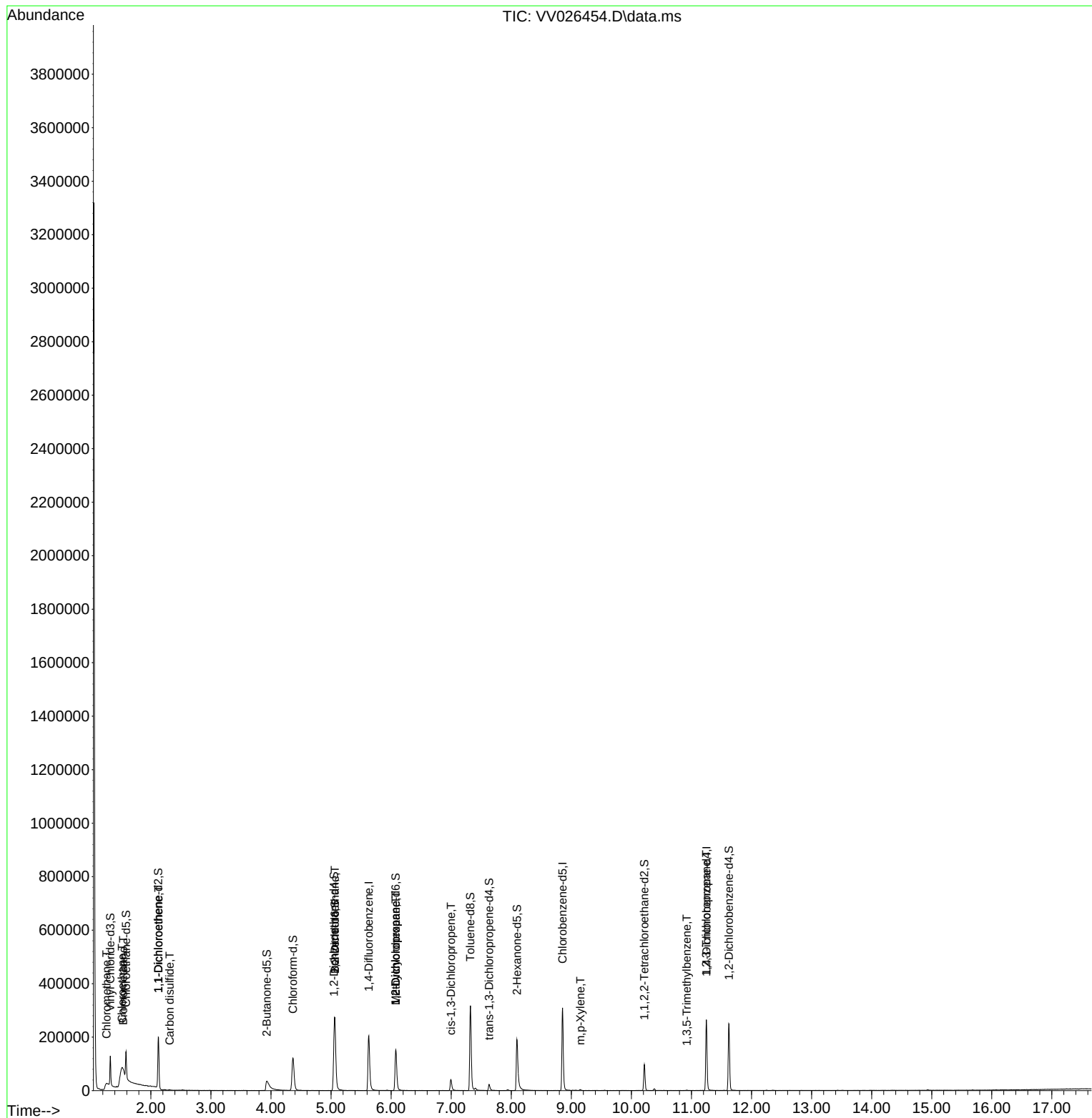
Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	185003	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	176761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.326	65	72922	4.538	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.800%	
7) Chloroethane-d5	1.587	69	63247	5.006	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.200%	
11) 1,1-Dichloroethene-d2	2.124	63	102570	3.717	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.400%	
20) 2-Butanone-d5	3.931	46	87769	55.977	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.960%	
24) Chloroform-d	4.365	84	133904	5.685	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	113.800%	
26) 1,2-Dichloroethane-d4	5.047	65	54810	5.501	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.000%	
32) Benzene-d6	5.063	84	263249	5.571	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.400%	
36) 1,2-Dichloropropane-d6	6.079	67	79452	5.761	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	115.200%	
41) Toluene-d8	7.320	98	217701	5.052	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.000%	
43) trans-1,3-Dichloroprop...	7.632	79	14796	3.308	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	66.200%	
46) 2-Hexanone-d5	8.095	63	69116	51.160	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.320%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48819	5.746	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	115.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	67712	6.165	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	123.200%#	
Target Compounds						Qvalue
3) Chloromethane	1.262	50	1392	0.091	ug/L	84
6) Bromomethane	1.542	94	465	0.052	ug/L	73
8) Chloroethane	1.519	64	359916	36.305	ug/L #	47
12) 1,1-Dichloroethene	2.127	96	980	0.084	ug/L #	1
14) Carbon disulfide	2.314	76	2505	0.087	ug/L	99
27) 1,2-Dichloroethane	5.063	62	1513	0.142	ug/L #	71
35) Methylcyclohexane	6.079	83	18527	1.083	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	8212	0.693	ug/L #	88
39) cis-1,3-Dichloropropene	6.995	75	1266	0.094	ug/L #	45
53) m,p-Xylene	9.149	106	1202	0.065	ug/L	86
61) 1,2,3-Trichloropropane	11.246	75	7510	1.623	ug/L #	68
62) 1,3,5-Trimethylbenzene	10.921	105	1139	0.038	ug/L	93

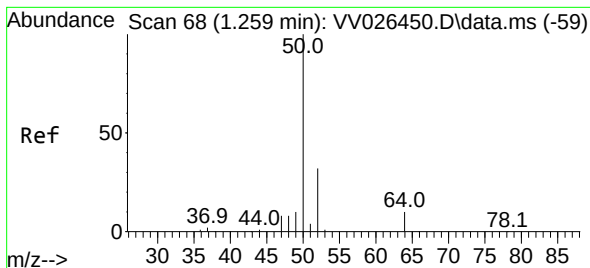
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.091 ug/L

RT: 1.262 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV026454.D

Acq: 20 Jun 2022 18:37

Instrument :

MSVOA_V

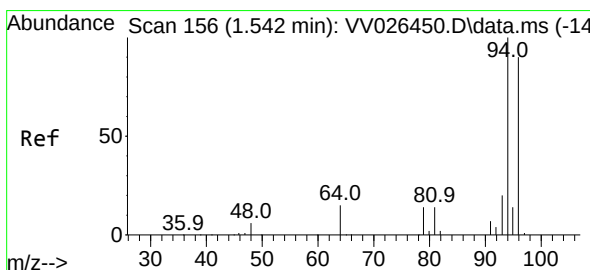
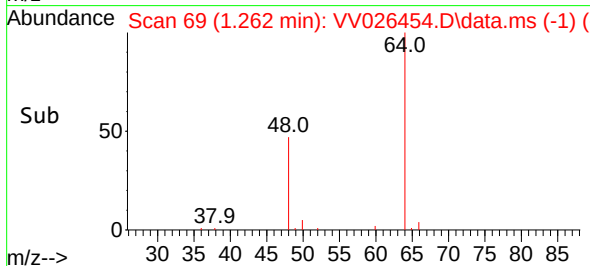
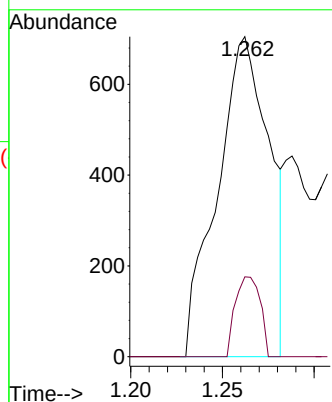
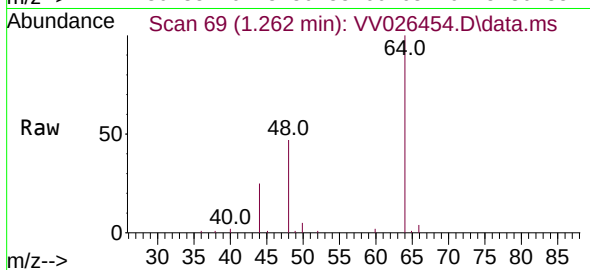
ClientSampleId :

Tgt Ion: 50 Resp: 1392

Ion Ratio Lower Upper

50 100

52 25.0 23.7 44.1



#6

Bromomethane

Concen: 0.052 ug/L

RT: 1.542 min Scan# 156

Delta R.T. -0.000 min

Lab File: VV026454.D

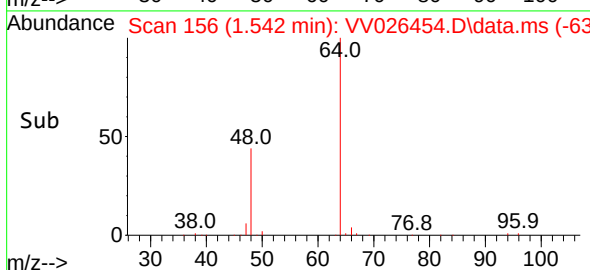
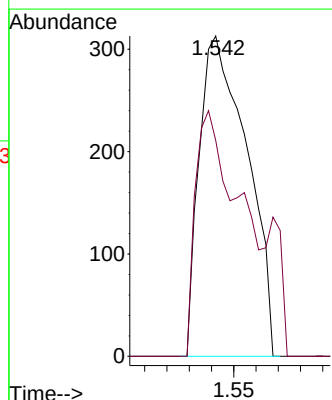
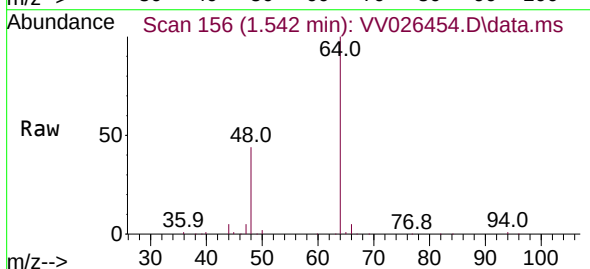
Acq: 20 Jun 2022 18:37

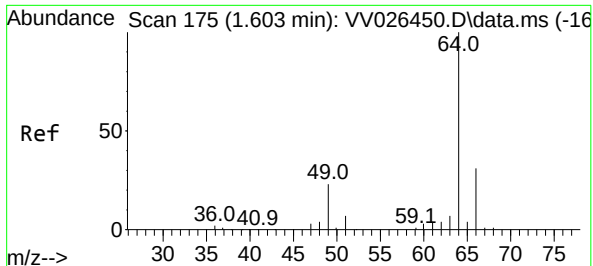
Tgt Ion: 94 Resp: 465

Ion Ratio Lower Upper

94 100

96 67.4 65.7 121.9

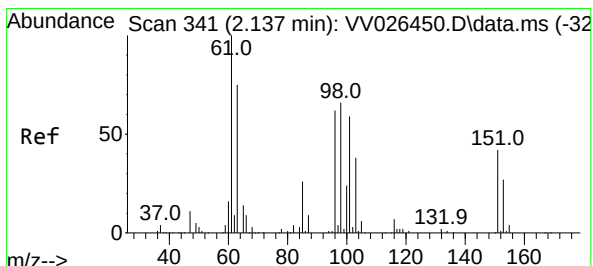
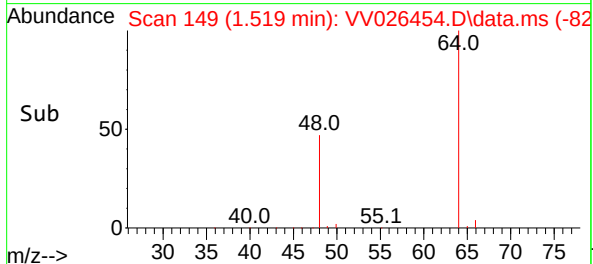
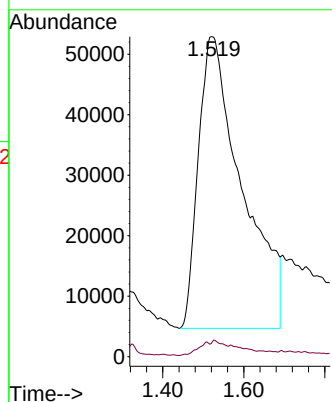
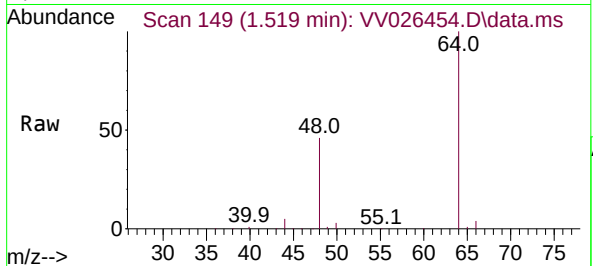




#8
Chloroethane
Concen: 36.305 ug/L
RT: 1.519 min Scan# 14
Delta R.T. -0.084 min
Lab File: VV026454.D
Acq: 20 Jun 2022 18:37

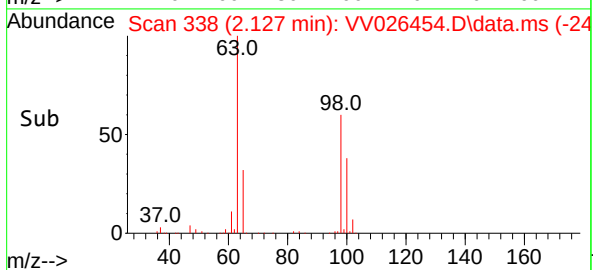
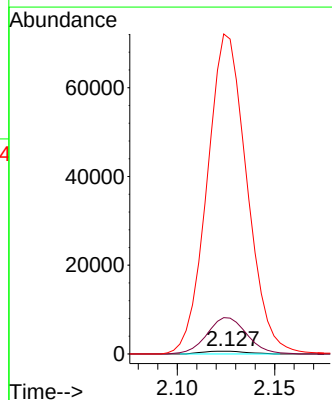
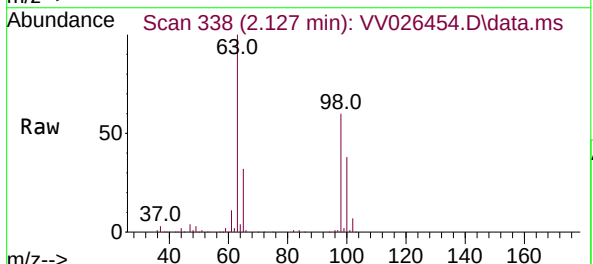
Instrument :
MSVOA_V
ClientSampleId :

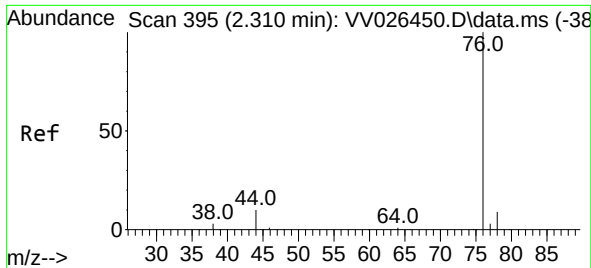
Tgt Ion: 64 Resp: 359916
Ion Ratio Lower Upper
64 100
66 4.1 24.1 44.7#



#12
1,1-Dichloroethene
Concen: 0.084 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.010 min
Lab File: VV026454.D
Acq: 20 Jun 2022 18:37

Tgt Ion: 96 Resp: 980
Ion Ratio Lower Upper
96 100
61 1303.7 117.1 217.5#
63 11464.9 92.8 172.4#





#14

Carbon disulfide

Concen: 0.087 ug/L

RT: 2.314 min Scan# 395

Delta R.T. 0.003 min

Lab File: VV026454.D

Acq: 20 Jun 2022 18:37

Instrument :

MSVOA_V

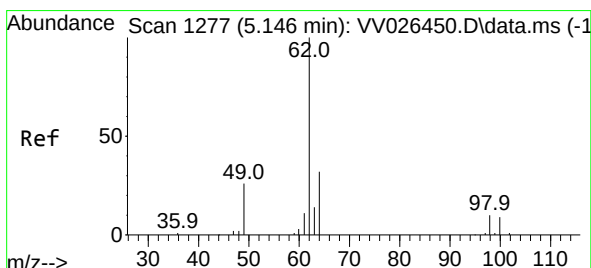
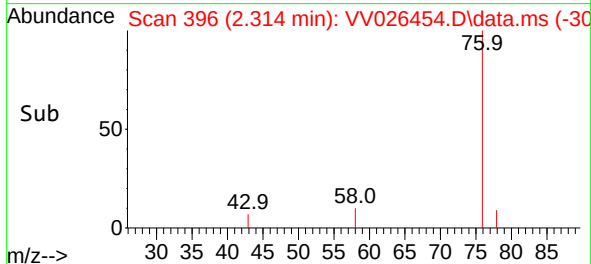
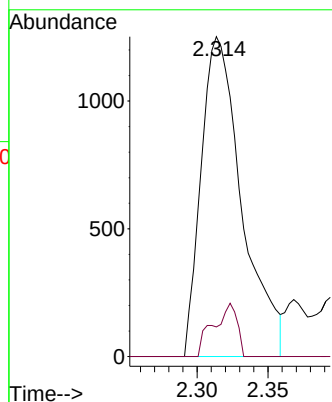
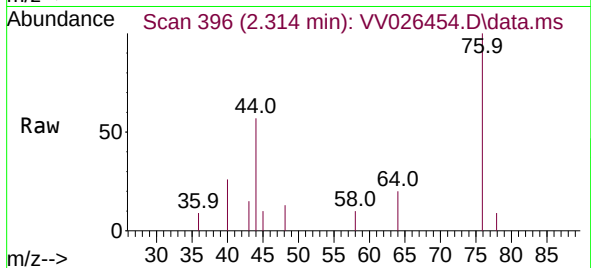
ClientSampleId :

Tgt Ion: 76 Resp: 2505

Ion Ratio Lower Upper

76 100

78 9.3 7.7 11.5



#27

1,2-Dichloroethane

Concen: 0.142 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. -0.084 min

Lab File: VV026454.D

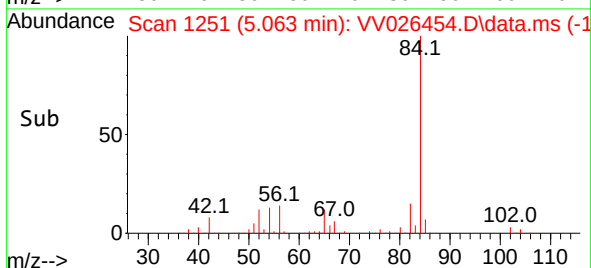
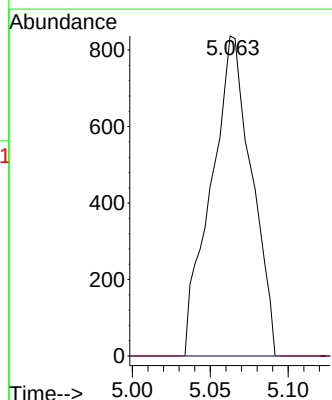
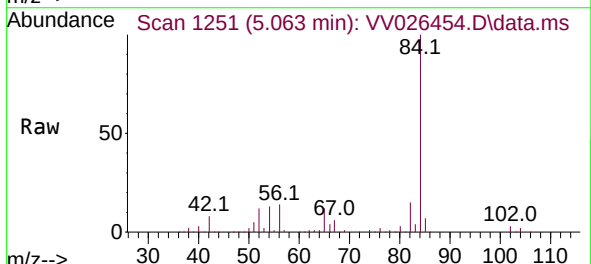
Acq: 20 Jun 2022 18:37

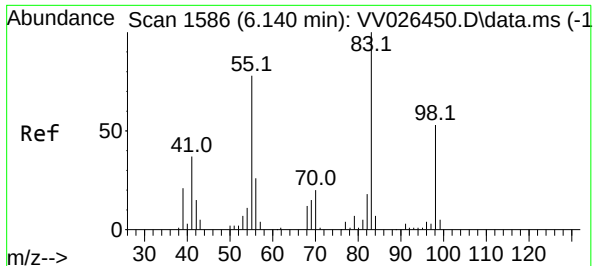
Tgt Ion: 62 Resp: 1513

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#

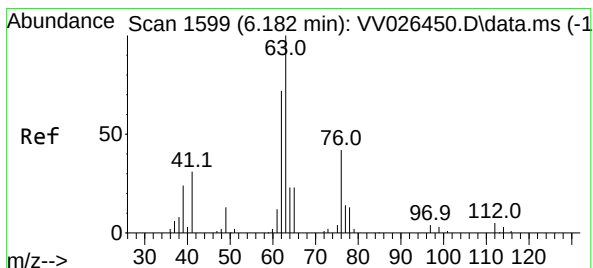
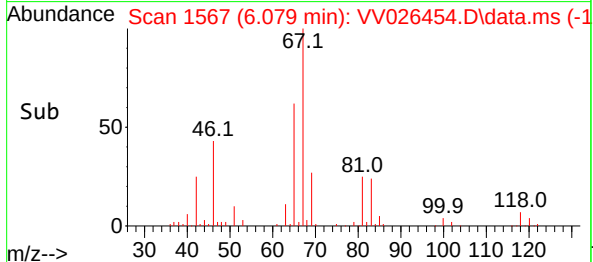
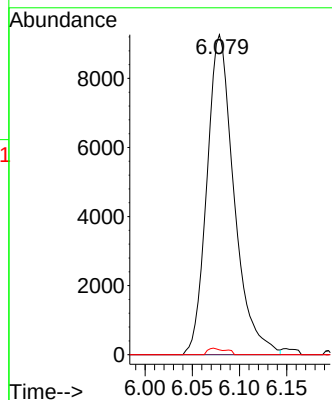
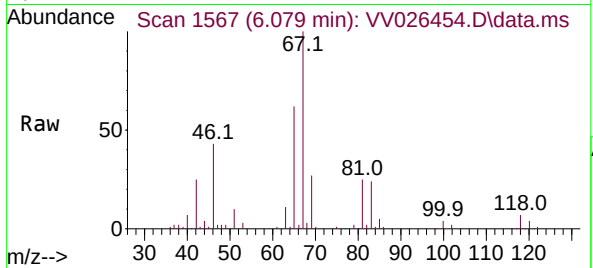




#35
Methylcyclohexane
Concen: 1.083 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.061 min
Lab File: VV026454.D
Acq: 20 Jun 2022 18:37

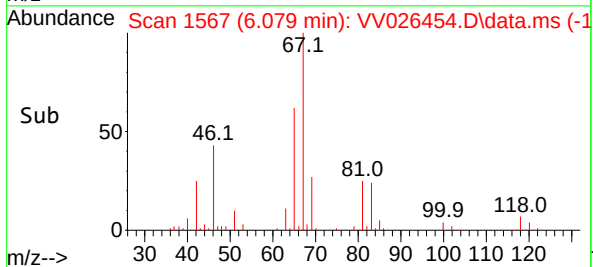
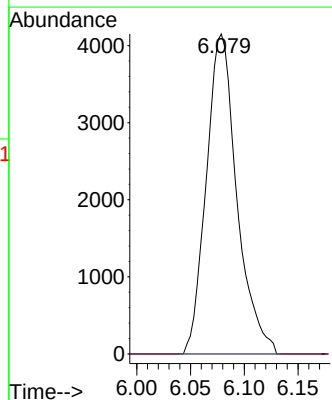
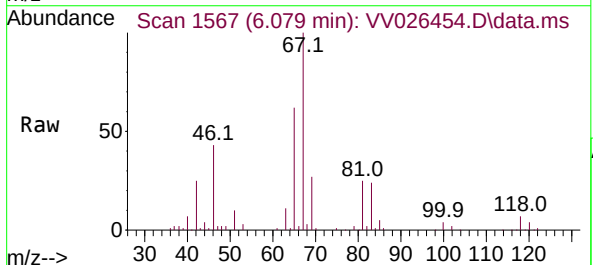
Instrument :
MSVOA_V
ClientSampleId :

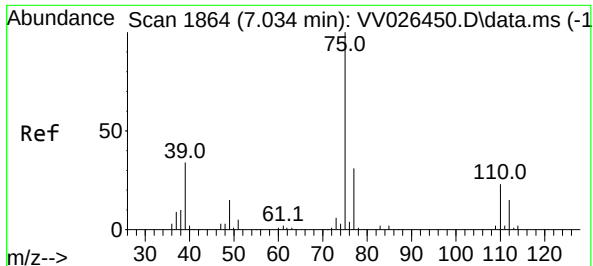
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.3	88.9#
98	0.9	39.9	59.9#



#37
1,2-Dichloropropane
Concen: 0.693 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.103 min
Lab File: VV026454.D
Acq: 20 Jun 2022 18:37

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026454.D

Acq: 20 Jun 2022 18:37

Instrument :

MSVOA_V

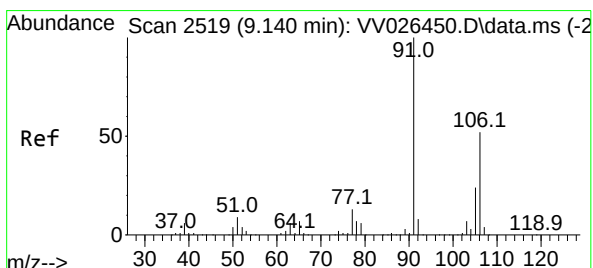
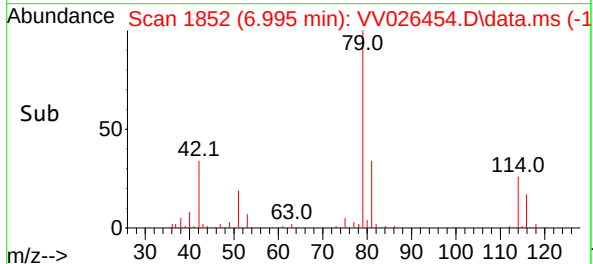
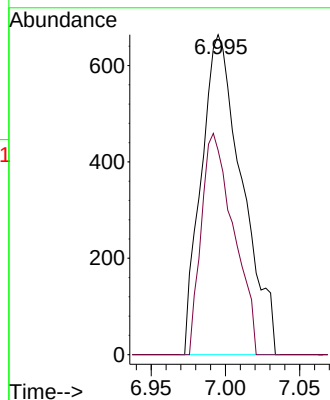
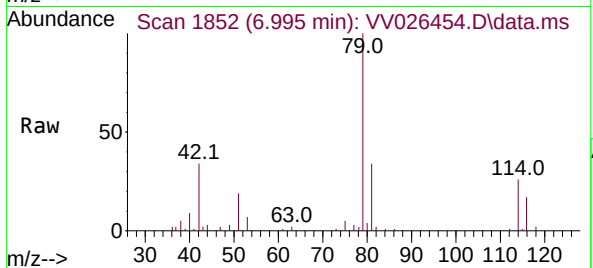
ClientSampleId :

Tgt Ion: 75 Resp: 1266

Ion Ratio Lower Upper

75 100

77 63.9 23.0 42.6#



#53

m,p-Xylene

Concen: 0.065 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.010 min

Lab File: VV026454.D

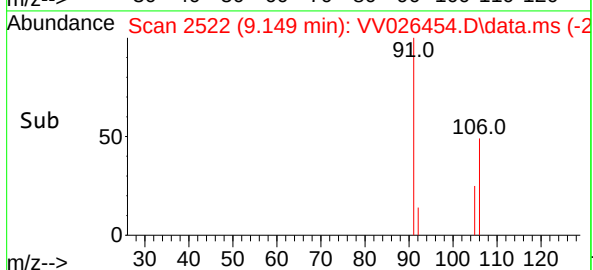
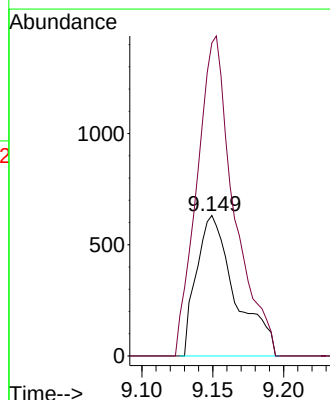
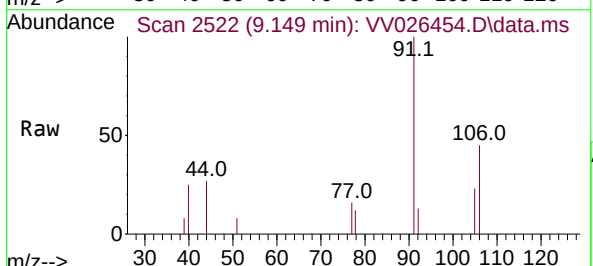
Acq: 20 Jun 2022 18:37

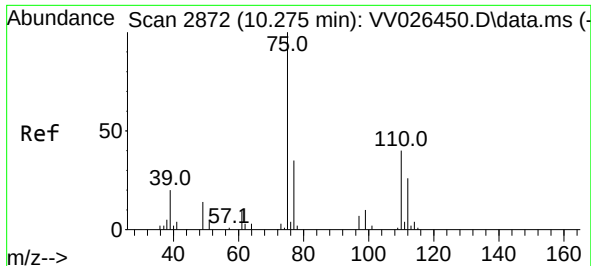
Tgt Ion: 106 Resp: 1202

Ion Ratio Lower Upper

106 100

91 222.8 141.3 262.3

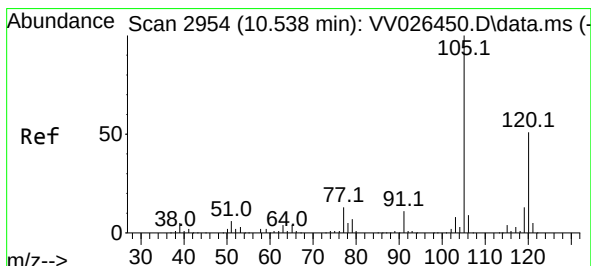
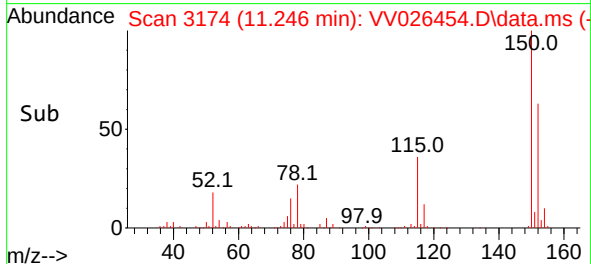
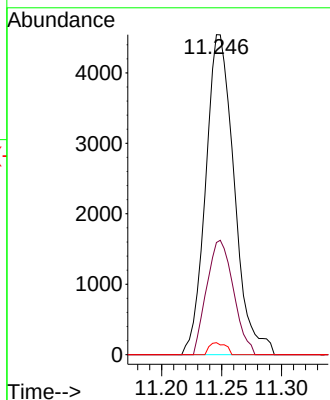
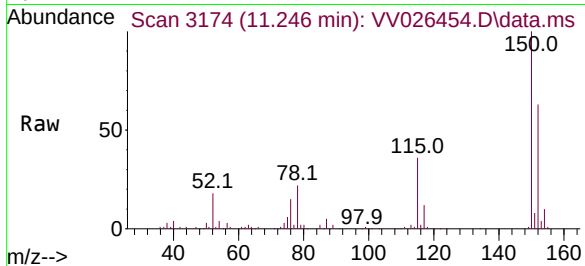




#61
 1,2,3-Trichloropropane
 Concen: 1.623 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.971 min
 Lab File: VV026454.D
 Acq: 20 Jun 2022 18:37

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 7510
 Ion Ratio Lower Upper
 75 100
 77 33.4 26.9 40.3
 110 2.2 30.7 46.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.038 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.383 min
 Lab File: VV026454.D
 Acq: 20 Jun 2022 18:37

Tgt Ion: 105 Resp: 1139
 Ion Ratio Lower Upper
 105 100
 120 45.0 39.9 59.9

