

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062022\
 Data File : VV026464.D
 Acq On : 20 Jun 2022 22:36
 Operator : SY/MD
 Sample : N3355-07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY0C5

Quant Time: Jun 21 05:41:31 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)

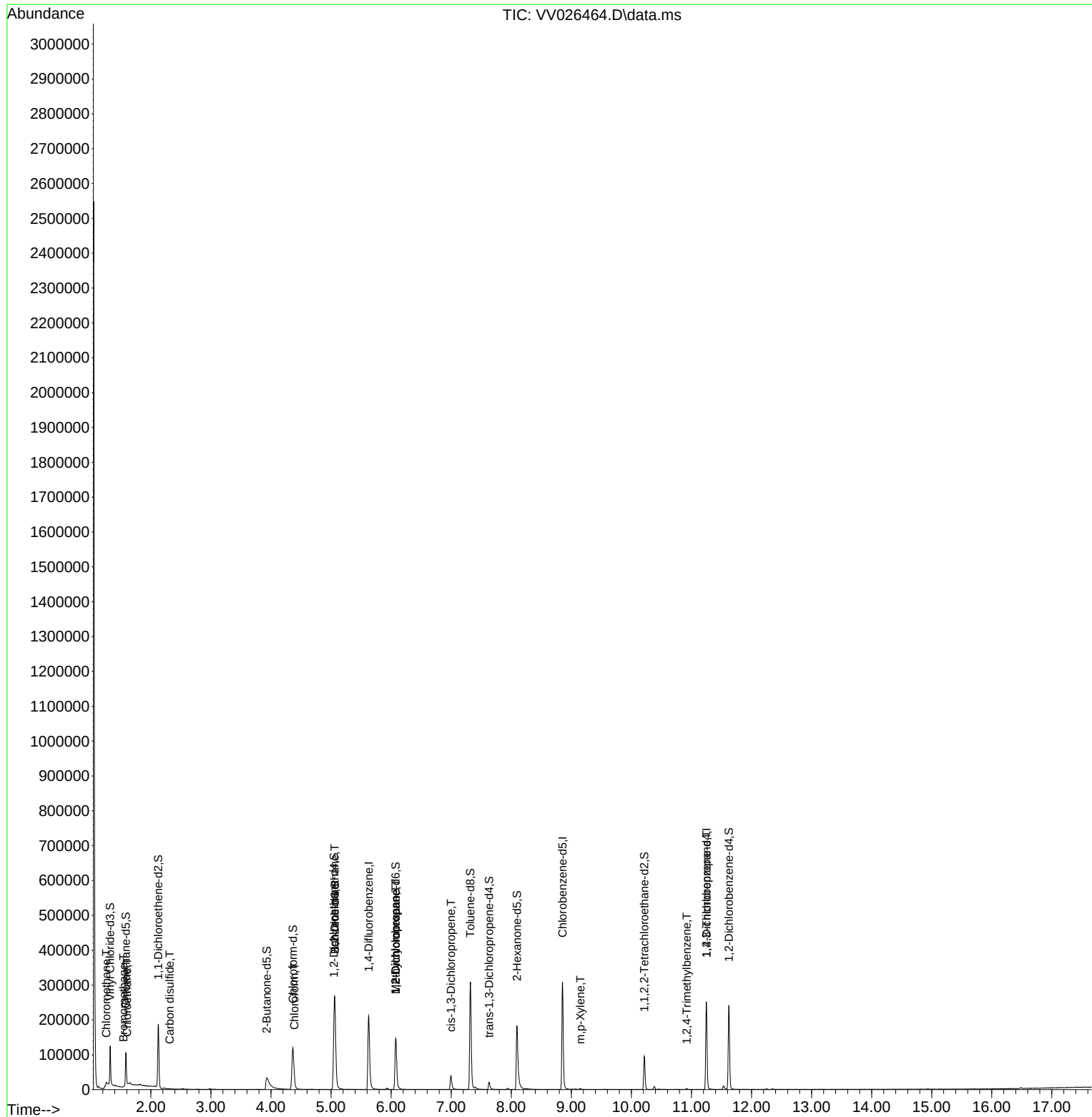
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	192357	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	177928	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68534	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	68274	4.086	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.584	69	59261	4.511	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.124	63	96109	3.350	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.931	46	89700	55.022	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.040%
24) Chloroform-d	4.365	84	127728	5.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.047	65	52775	5.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.063	84	258667	5.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.800%
36) 1,2-Dichloropropane-d6	6.079	67	76853	5.536	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.800%
41) Toluene-d8	7.320	98	214297	4.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	7.632	79	14001	3.110	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.200%
46) 2-Hexanone-d5	8.095	63	65739	48.341	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.680%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47515	5.556	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	64020	6.065	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.200%#
Target Compounds						Qvalue
3) Chloromethane	1.259	50	5144	0.322	ug/L	88
6) Bromomethane	1.542	94	612	0.066	ug/L	83
8) Chloroethane	1.603	64	15369	1.491	ug/L #	51
14) Carbon disulfide	2.314	76	1979	0.066	ug/L #	78
25) Chloroform	4.391	83	2627	0.108	ug/L	97
27) 1,2-Dichloroethane	5.059	62	1221	0.110	ug/L #	71
35) Methylcyclohexane	6.079	83	18284	1.061	ug/L #	19
37) 1,2-Dichloropropane	6.075	63	7796	0.653	ug/L #	89
39) cis-1,3-Dichloropropene	6.998	75	1043	0.077	ug/L #	73
53) m,p-Xylene	9.149	106	901	0.048	ug/L	64
61) 1,2,3-Trichloropropane	11.249	75	7625	1.715	ug/L #	67
63) 1,2,4-Trimethylbenzene	10.921	105	1891	0.066	ug/L	89

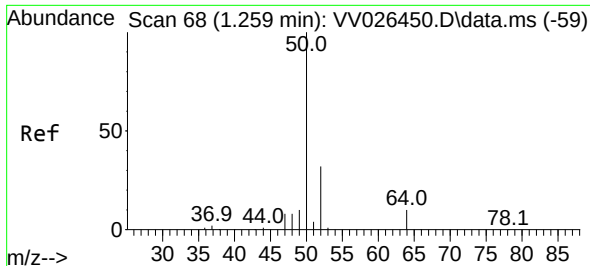
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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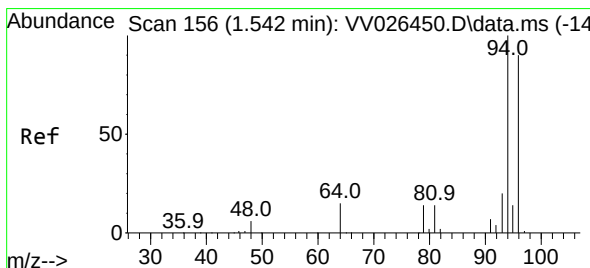
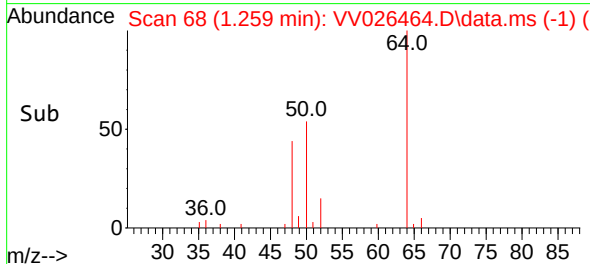
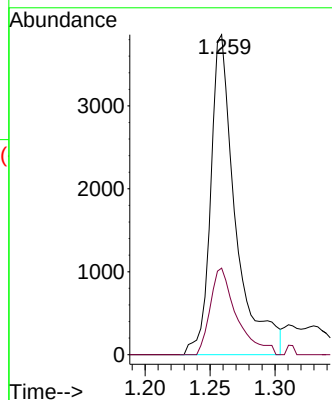
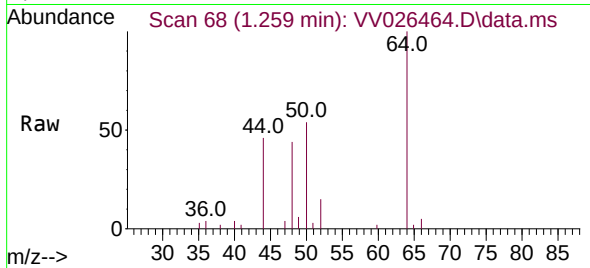




#3
Chloromethane
Concen: 0.322 ug/L
RT: 1.259 min Scan# 68
Delta R.T. -0.000 min
Lab File: VV026464.D
Acq: 20 Jun 2022 22:36

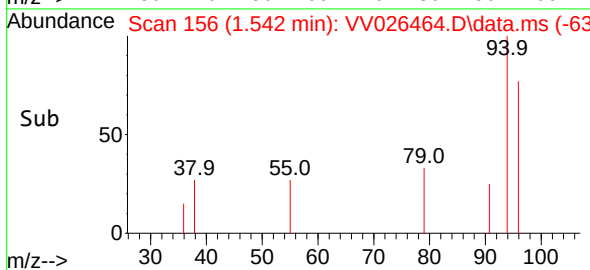
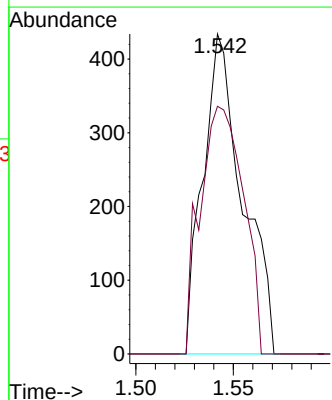
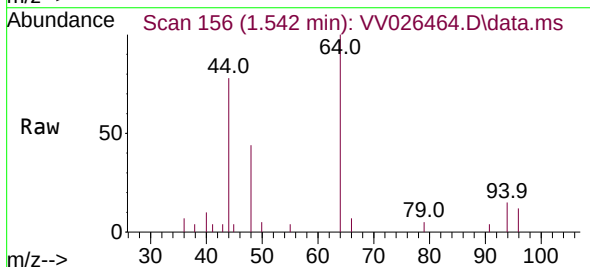
Instrument :
MSVOA_V
ClientSampleId :
EY0C5

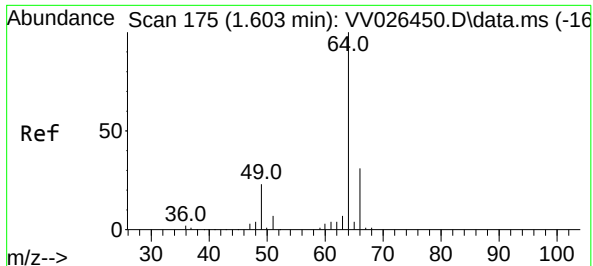
Tgt Ion: 50 Resp: 5144
Ion Ratio Lower Upper
50 100
52 27.1 23.7 44.1



#6
Bromomethane
Concen: 0.066 ug/L
RT: 1.542 min Scan# 156
Delta R.T. -0.000 min
Lab File: VV026464.D
Acq: 20 Jun 2022 22:36

Tgt Ion: 94 Resp: 612
Ion Ratio Lower Upper
94 100
96 77.4 65.7 121.9

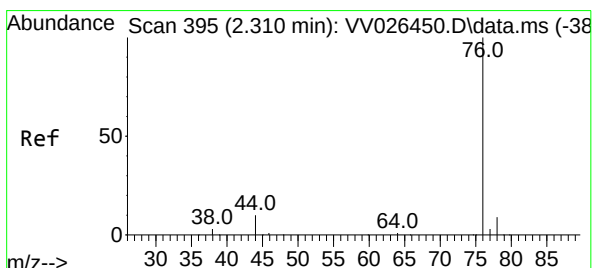
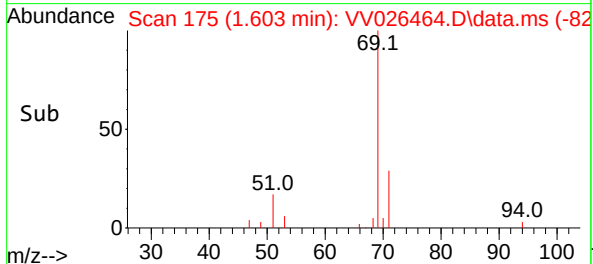
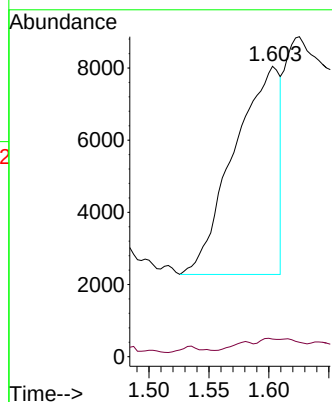
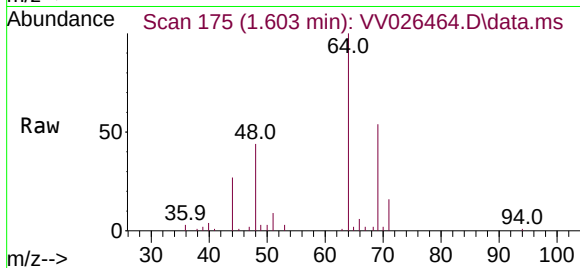




#8
Chloroethane
Concen: 1.491 ug/L
RT: 1.603 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV026464.D
Acq: 20 Jun 2022 22:36

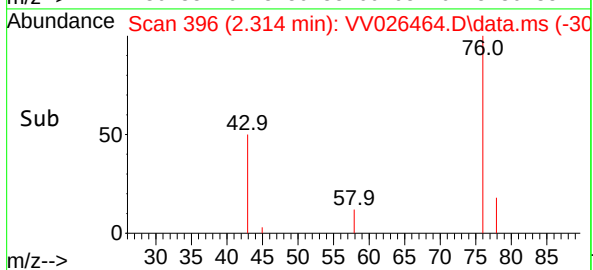
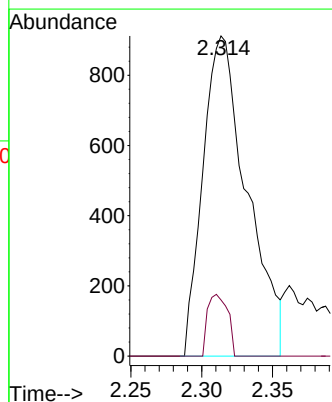
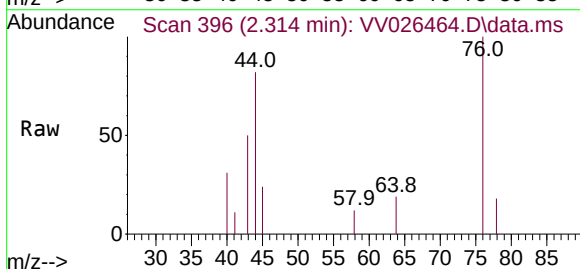
Instrument :
MSVOA_V
ClientSampleId :
EY0C5

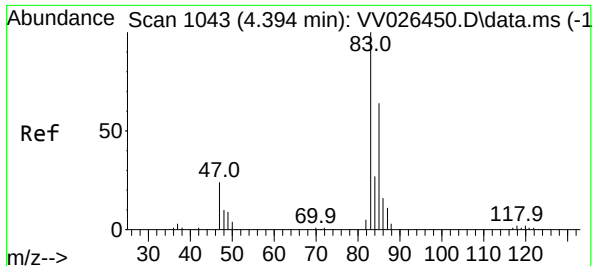
Tgt Ion: 64 Resp: 15369
Ion Ratio Lower Upper
64 100
66 6.0 24.1 44.7#



#14
Carbon disulfide
Concen: 0.066 ug/L
RT: 2.314 min Scan# 396
Delta R.T. 0.003 min
Lab File: VV026464.D
Acq: 20 Jun 2022 22:36

Tgt Ion: 76 Resp: 1979
Ion Ratio Lower Upper
76 100
78 17.5 7.7 11.5#





#25

Chloroform

Concen: 0.108 ug/L

RT: 4.391 min Scan# 1042

Delta R.T. -0.003 min

Lab File: VV026464.D

Acq: 20 Jun 2022 22:36

Instrument :

MSVOA_V

ClientSampleId :

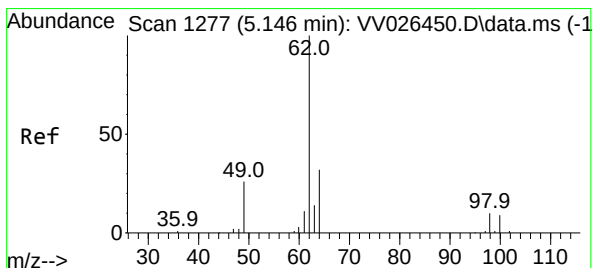
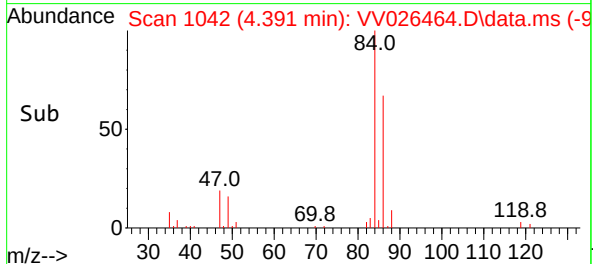
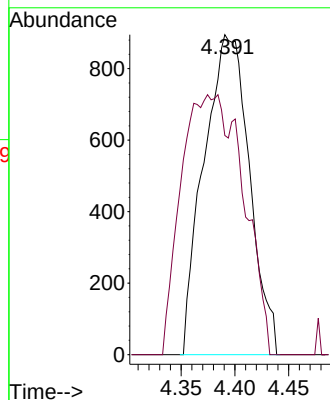
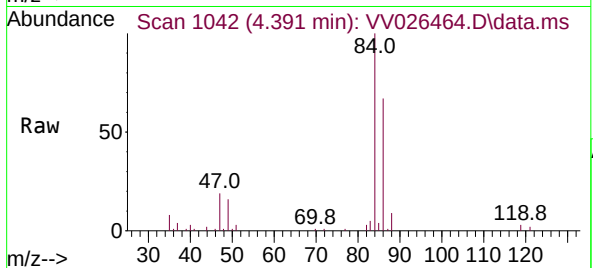
EY0C5

Tgt Ion: 83 Resp: 2627

Ion Ratio Lower Upper

83 100

85 68.5 46.5 86.3



#27

1,2-Dichloroethane

Concen: 0.110 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. -0.087 min

Lab File: VV026464.D

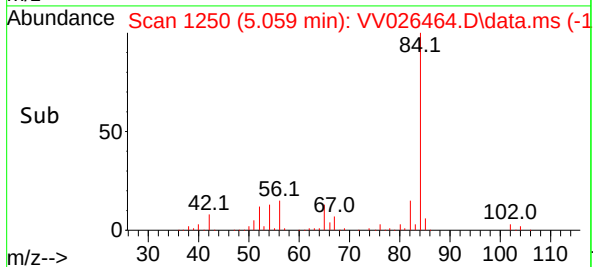
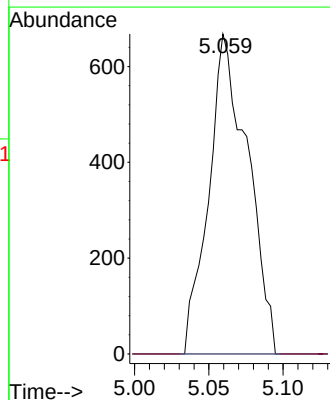
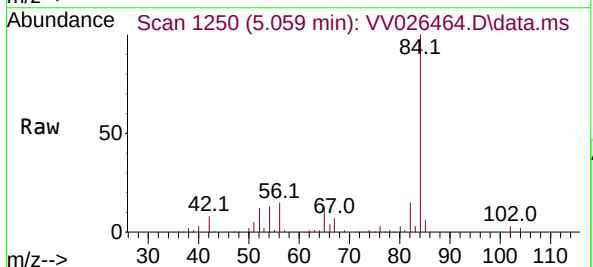
Acq: 20 Jun 2022 22:36

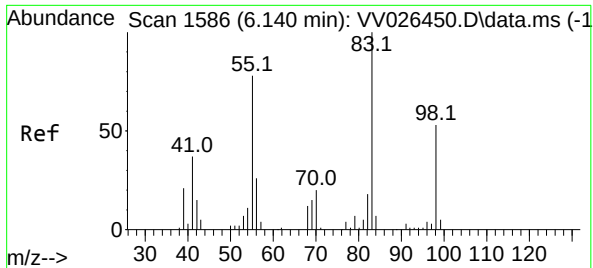
Tgt Ion: 62 Resp: 1221

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#

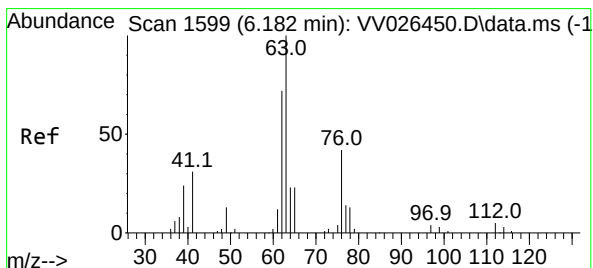
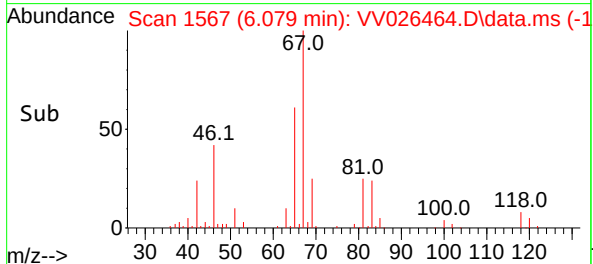
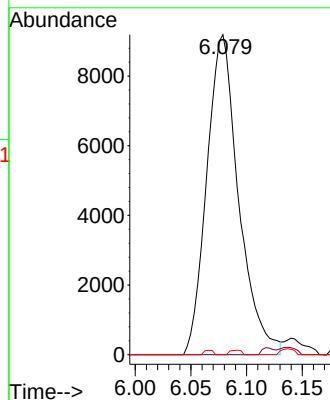
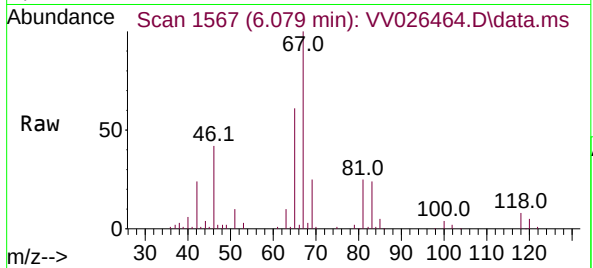




#35
Methylcyclohexane
Concen: 1.061 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.061 min
Lab File: VV026464.D
Acq: 20 Jun 2022 22:36

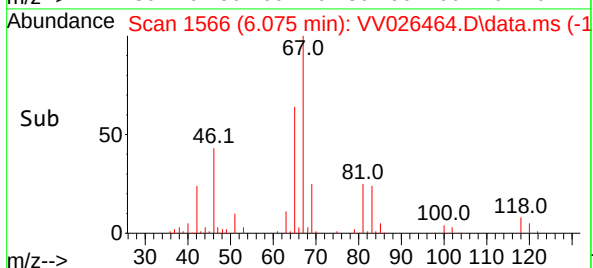
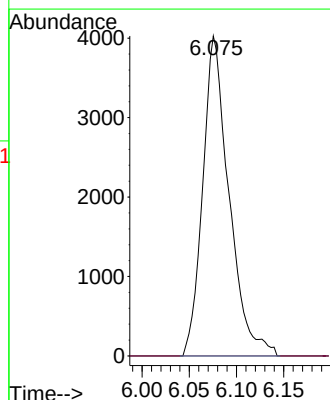
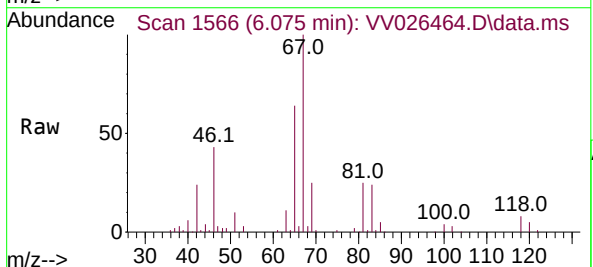
Instrument :
MSVOA_V
ClientSampleId :
EY0C5

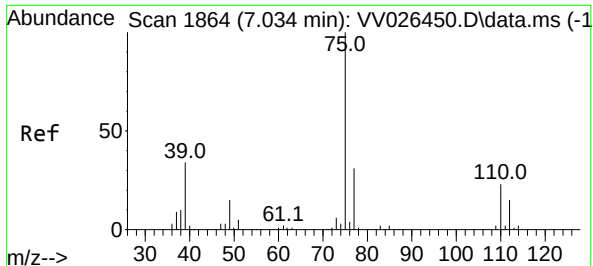
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.9	59.3	88.9#
98	0.5	39.9	59.9#



#37
1,2-Dichloropropane
Concen: 0.653 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.106 min
Lab File: VV026464.D
Acq: 20 Jun 2022 22:36

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.3	4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 6.998 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV026464.D

Acq: 20 Jun 2022 22:36

Instrument :

MSVOA_V

ClientSampleId :

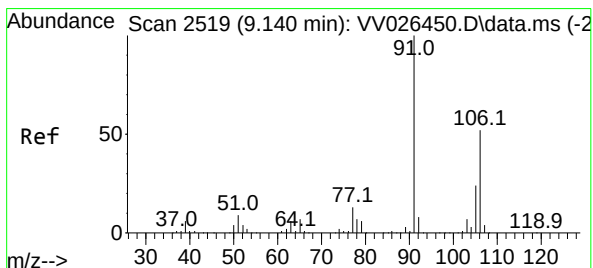
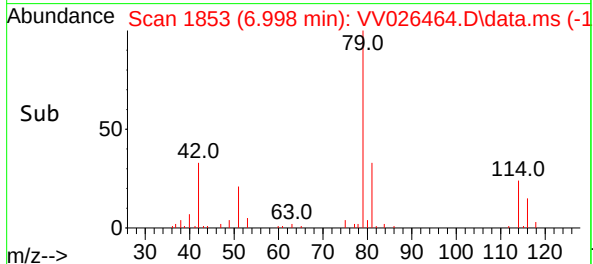
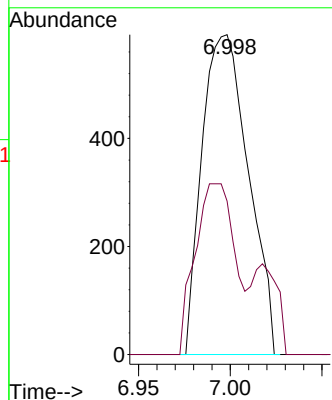
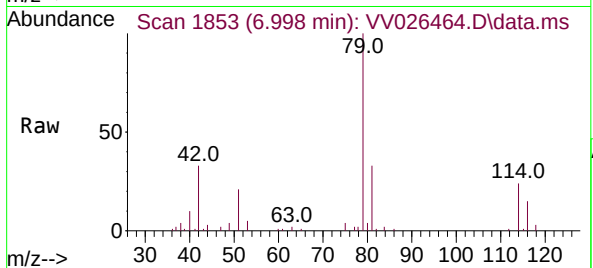
EY0C5

Tgt Ion: 75 Resp: 1043

Ion Ratio Lower Upper

75 100

77 48.0 23.0 42.6#



#53

m,p-Xylene

Concen: 0.048 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.009 min

Lab File: VV026464.D

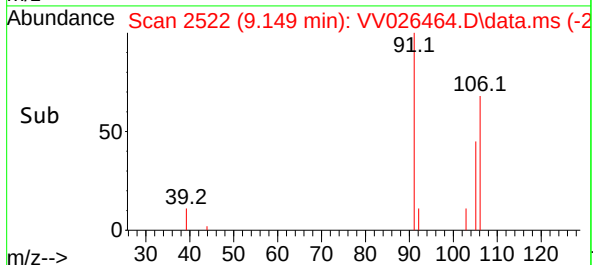
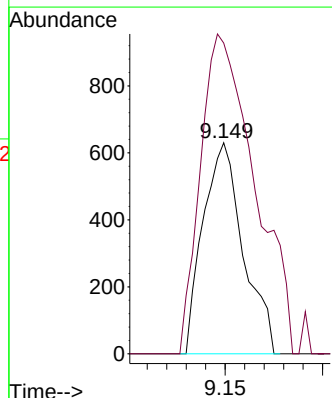
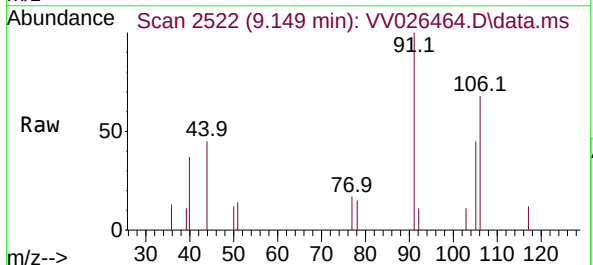
Acq: 20 Jun 2022 22:36

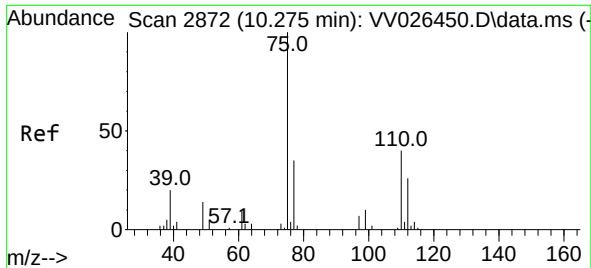
Tgt Ion: 106 Resp: 901

Ion Ratio Lower Upper

106 100

91 147.3 141.3 262.3

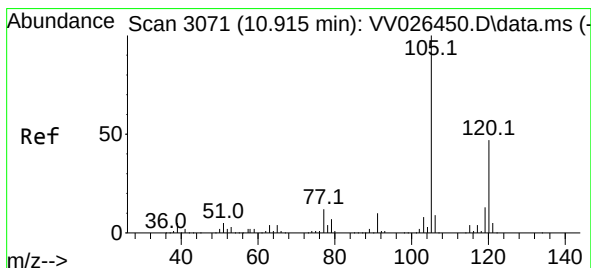
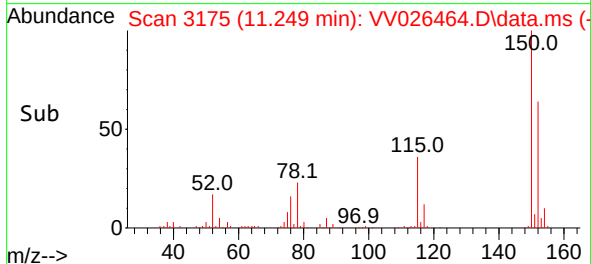
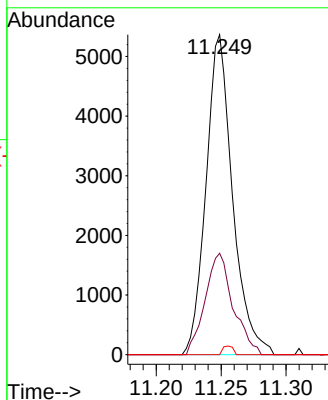
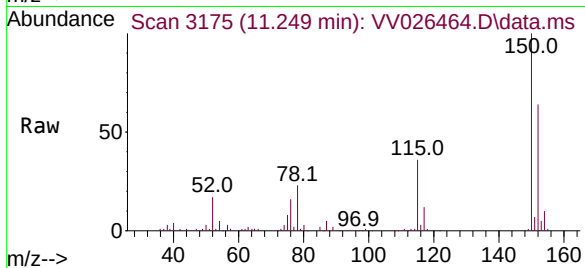




#61
1,2,3-Trichloropropane
Concen: 1.715 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV026464.D
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Tgt Ion: 75 Resp: 7625
Ion Ratio Lower Upper
75 100
77 33.4 26.9 40.3
110 1.0 30.7 46.1#



#63
1,2,4-Trimethylbenzene
Concen: 0.066 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VV026464.D
Acq: 20 Jun 2022 22:36

Tgt Ion: 105 Resp: 1891
Ion Ratio Lower Upper
105 100
120 53.1 36.9 55.3

