

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026543.D
 Acq On : 24 Jun 2022 10:17
 Operator : SY/MD
 Sample : N3401-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF8

Quant Time: Jun 25 02:32:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 02:21:54 2022
 Response via : Initial Calibration

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

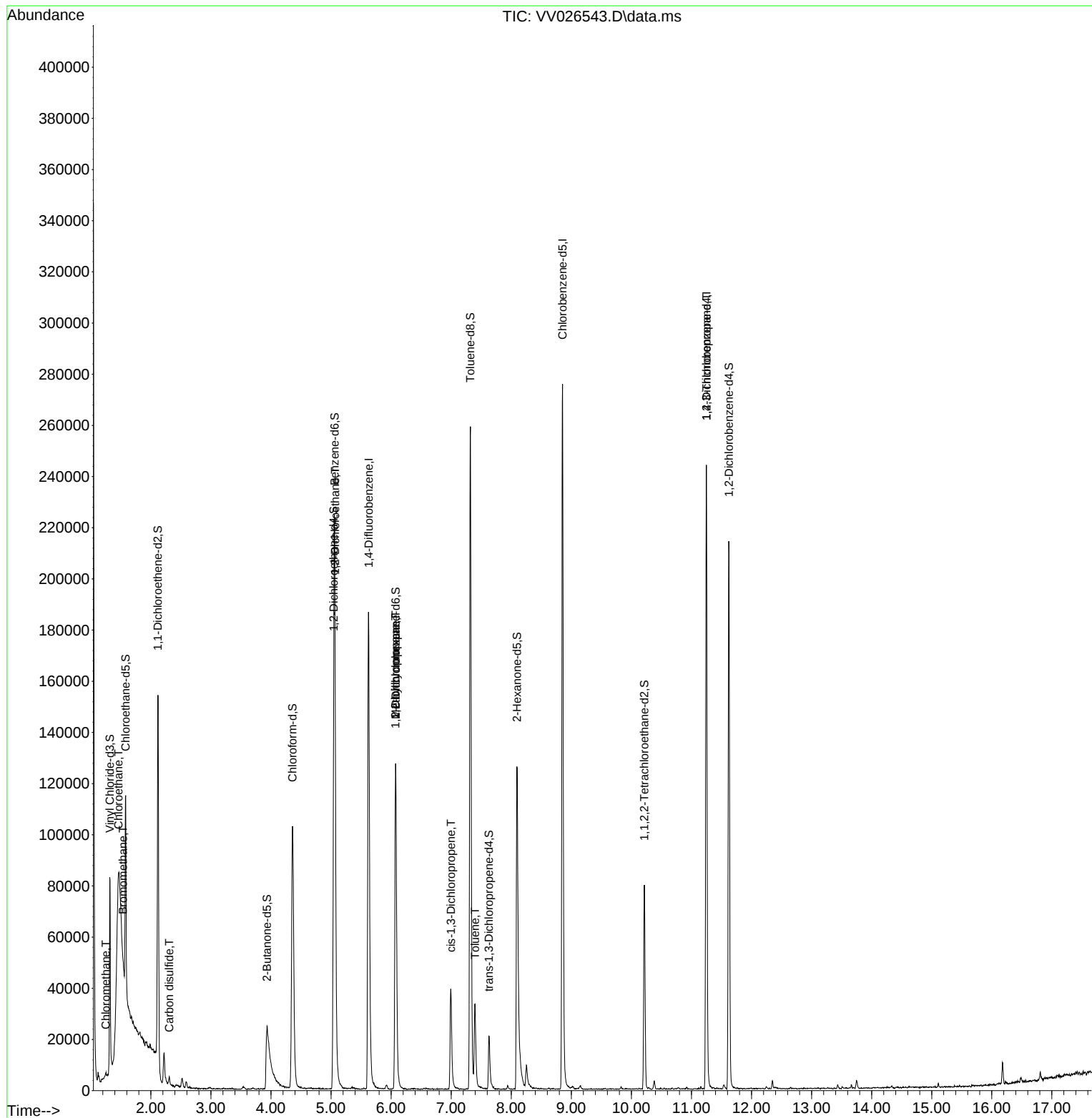
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	175052	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	160260	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67008	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	50986	3.622	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.581	69	48647	4.301	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.118	63	78250	3.128	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.600%
20) 2-Butanone-d5	3.934	46	67757	48.411	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.820%
24) Chloroform-d	4.359	84	112915	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.043	65	45178	5.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.060	84	218795	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.076	67	65715	5.191	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.320	98	178868	4.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	7.629	79	14070	4.300	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.095	63	46532	37.337	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.680%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40254	4.861	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	56326	5.079	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.249	50	1266	0.087	ug/L	100
6) Bromomethane	1.536	94	794	0.095	ug/L	93
8) Chloroethane	1.462	64	405931	38.454	ug/L #	55
14) Carbon disulfide	2.307	76	3363	0.108	ug/L	97
27) 1,2-Dichloroethane	5.066	62	1037	0.101	ug/L #	72
35) Methylcyclohexane	6.076	83	16531	0.908	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	6660	0.591	ug/L #	84
39) cis-1,3-Dichloropropene	6.998	75	1005	0.089	ug/L #	50
42) Toluene	7.397	91	27091	0.561	ug/L	100
61) 1,2,3-Trichloropropane	11.249	75	7610	1.754	ug/L #	67

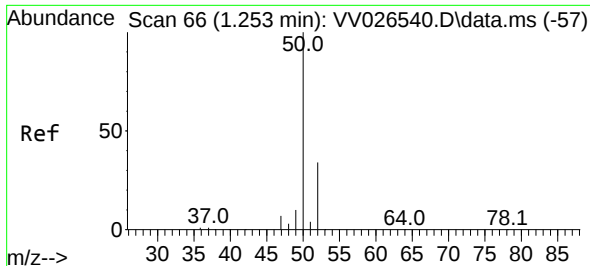
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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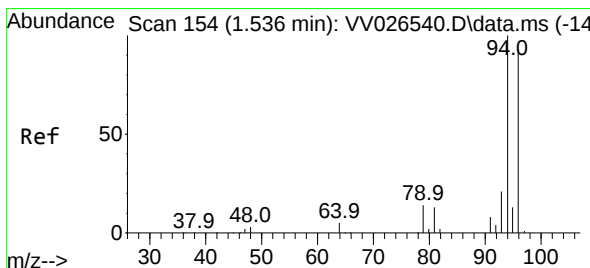
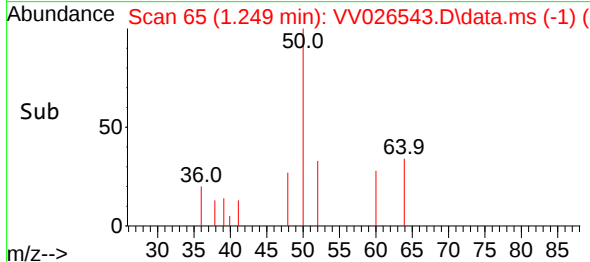
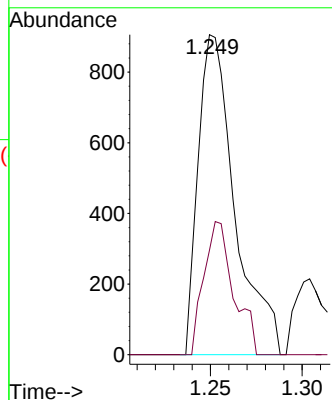
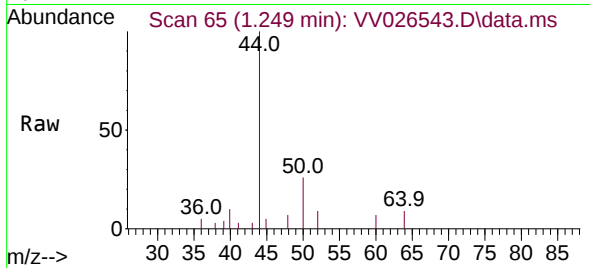




#3
Chloromethane
Concen: 0.087 ug/L
RT: 1.249 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV026543.D
Acq: 24 Jun 2022 10:17

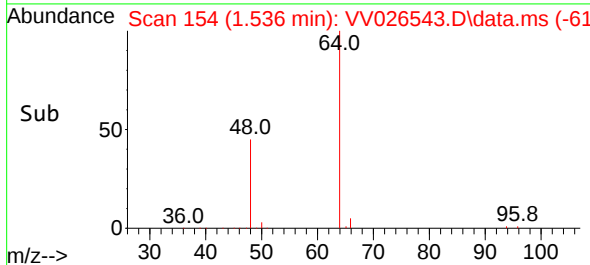
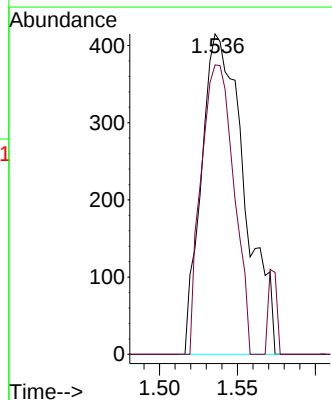
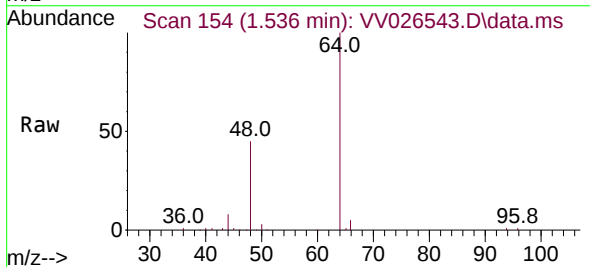
Instrument :
MSVOA_V
ClientSampleId :
C0AF8

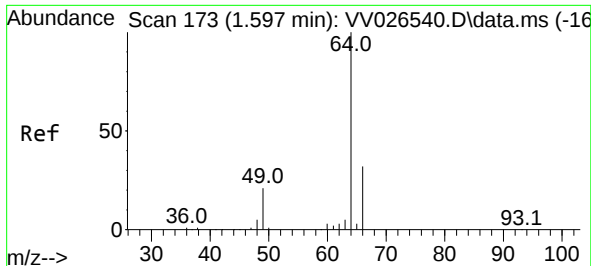
Tgt Ion: 50 Resp: 1266
Ion Ratio Lower Upper
50 100
52 32.7 23.0 42.6



#6
Bromomethane
Concen: 0.095 ug/L
RT: 1.536 min Scan# 154
Delta R.T. -0.000 min
Lab File: VV026543.D
Acq: 24 Jun 2022 10:17

Tgt Ion: 94 Resp: 794
Ion Ratio Lower Upper
94 100
96 90.4 68.0 126.2

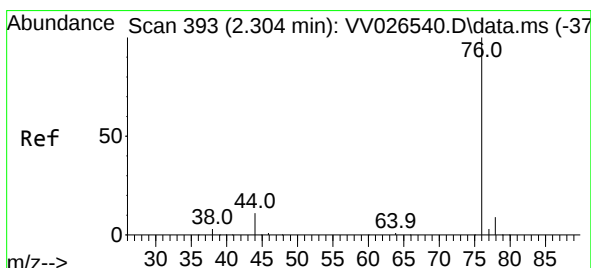
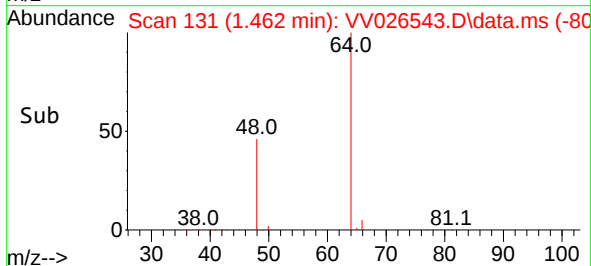
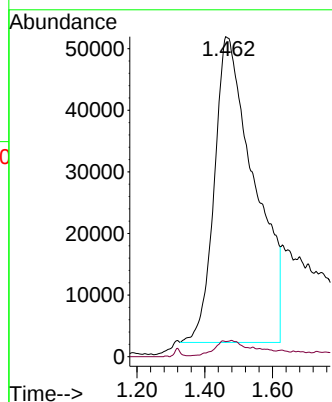
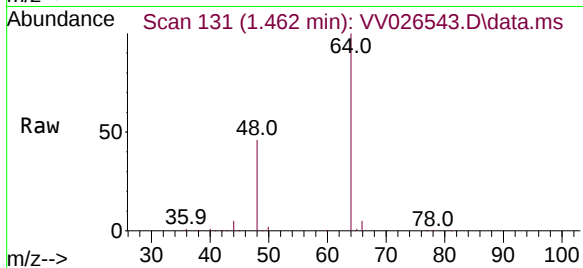




#8
Chloroethane
Concen: 38.454 ug/L
RT: 1.462 min Scan# 11
Delta R.T. -0.135 min
Lab File: VV026543.D
Acq: 24 Jun 2022 10:17

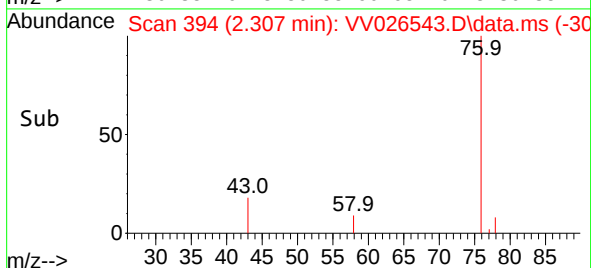
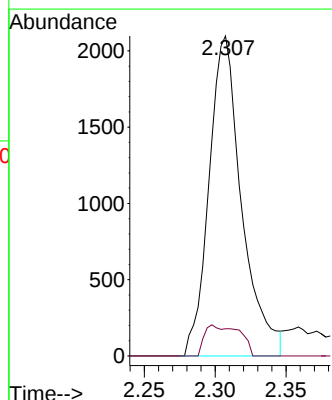
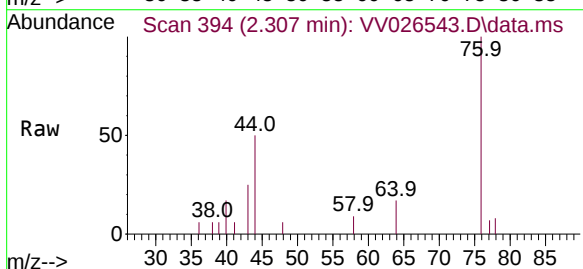
Instrument :
MSVOA_V
ClientSampleId :
C0AF8

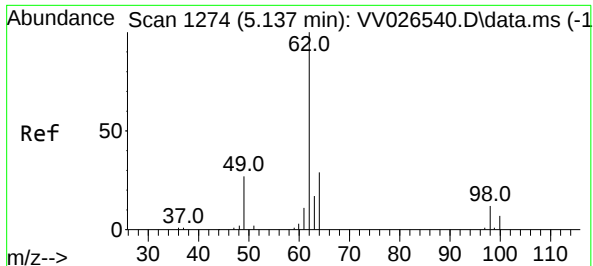
Tgt Ion: 64 Resp: 405931
Ion Ratio Lower Upper
64 100
66 4.7 20.0 37.2#



#14
Carbon disulfide
Concen: 0.108 ug/L
RT: 2.307 min Scan# 394
Delta R.T. 0.003 min
Lab File: VV026543.D
Acq: 24 Jun 2022 10:17

Tgt Ion: 76 Resp: 3363
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.6





#27

1,2-Dichloroethane

Concen: 0.101 ug/L

RT: 5.066 min Scan# 1

Delta R.T. -0.071 min

Lab File: VV026543.D

Acq: 24 Jun 2022 10:17

Instrument :

MSVOA_V

ClientSampleId :

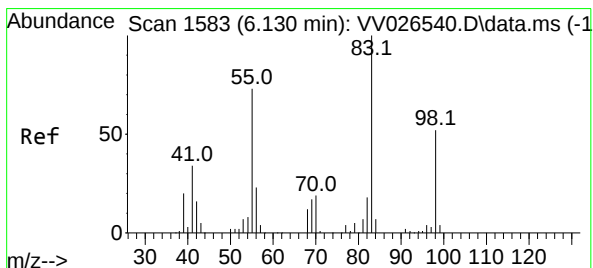
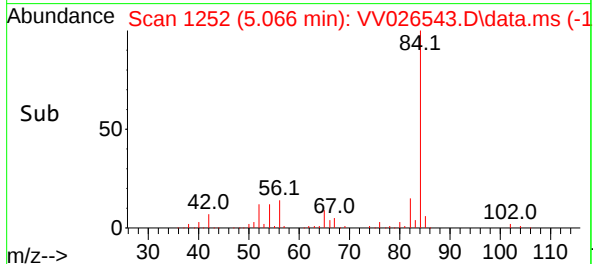
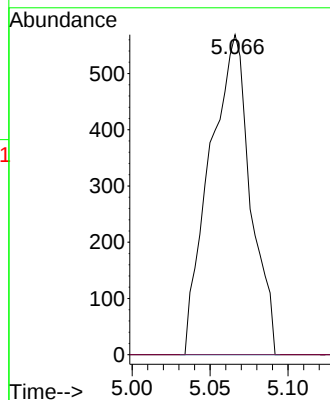
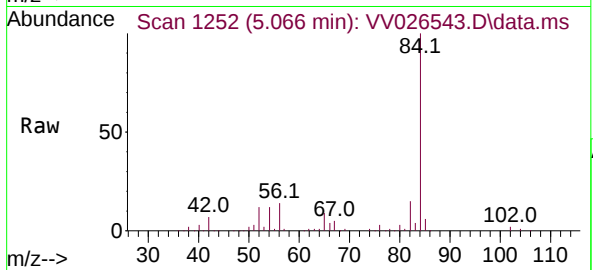
C0AF8

Tgt Ion: 62 Resp: 1037

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#35

Methylcyclohexane

Concen: 0.908 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.055 min

Lab File: VV026543.D

Acq: 24 Jun 2022 10:17

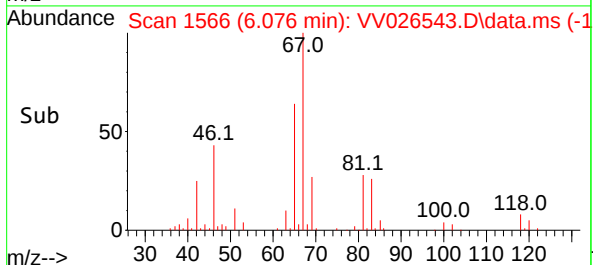
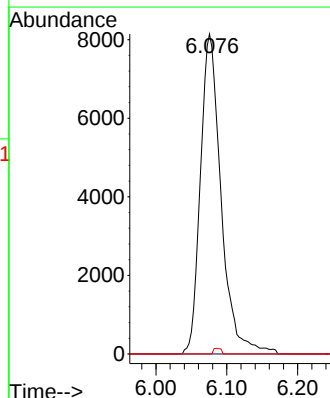
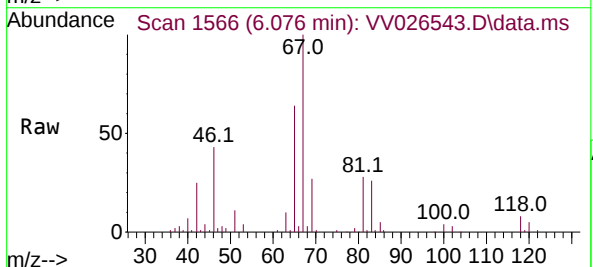
Tgt Ion: 83 Resp: 16531

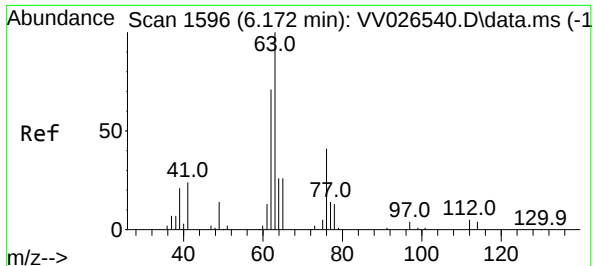
Ion Ratio Lower Upper

83 100

55 0.0 57.0 85.4#

98 0.6 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.591 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026543.D

Acq: 24 Jun 2022 10:17

Instrument :

MSVOA_V

ClientSampleId :

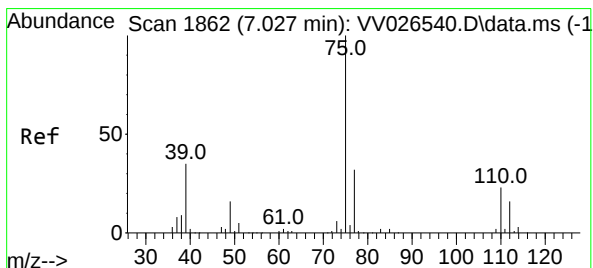
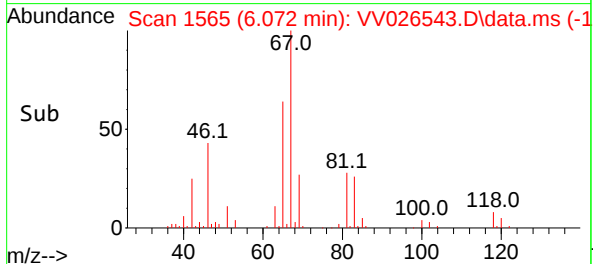
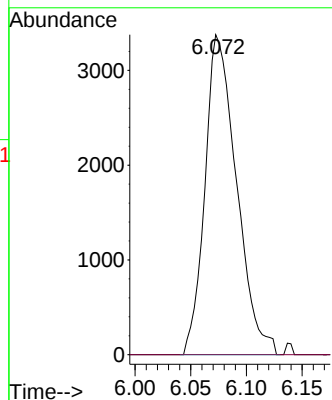
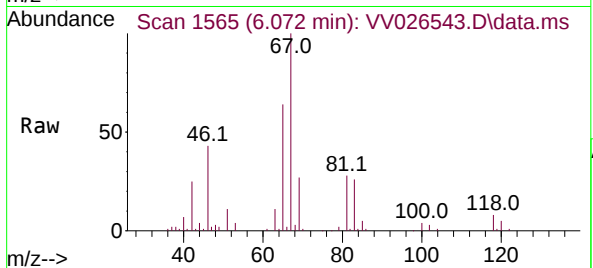
C0AF8

Tgt Ion: 63 Resp: 6660

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 6.998 min Scan# 1853

Delta R.T. -0.029 min

Lab File: VV026543.D

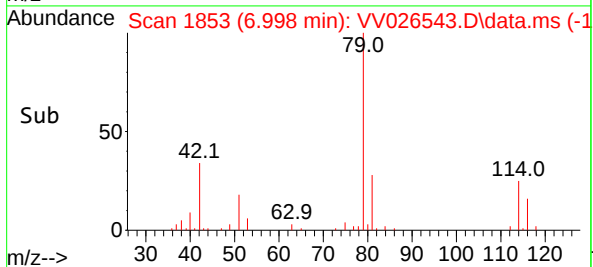
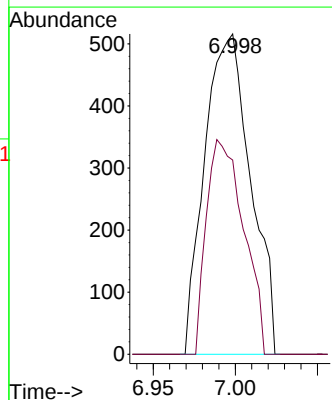
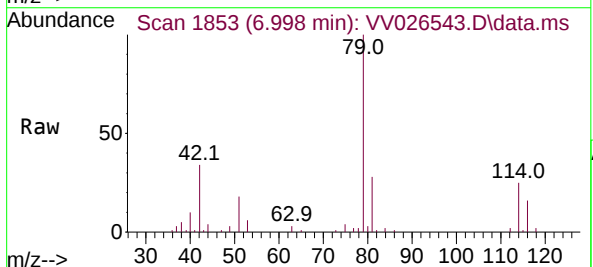
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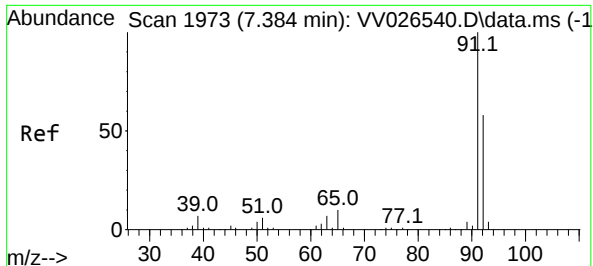
Tgt Ion: 75 Resp: 1005

Ion Ratio Lower Upper

75 100

77 60.7 22.8 42.4#





#42

Toluene

Concen: 0.561 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV026543.D

Acq: 24 Jun 2022 10:17

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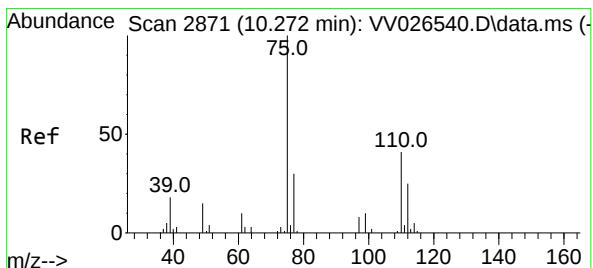
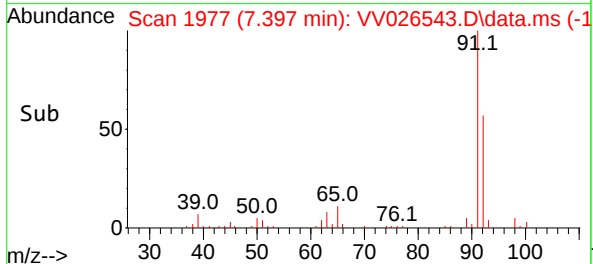
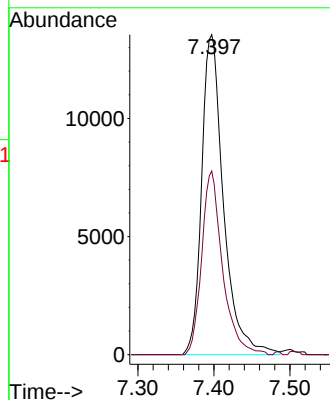
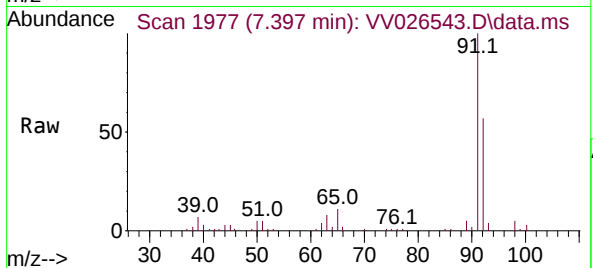
C0AF8

Tgt Ion: 91 Resp: 27091

Ion Ratio Lower Upper

91 100

92 57.4 40.3 74.9



#61

1,2,3-Trichloropropane

Concen: 1.754 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV026543.D

Acq: 24 Jun 2022 10:17

Tgt Ion: 75 Resp: 7610

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

110 3.3 32.5 48.7#

