

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022024\
 Data File : VW034263.D
 Acq On : 20 Feb 2024 12:27
 Operator : SY/MD
 Sample : P1501-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 21 01:43:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 01:41:15 2024
 Response via : Initial Calibration

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

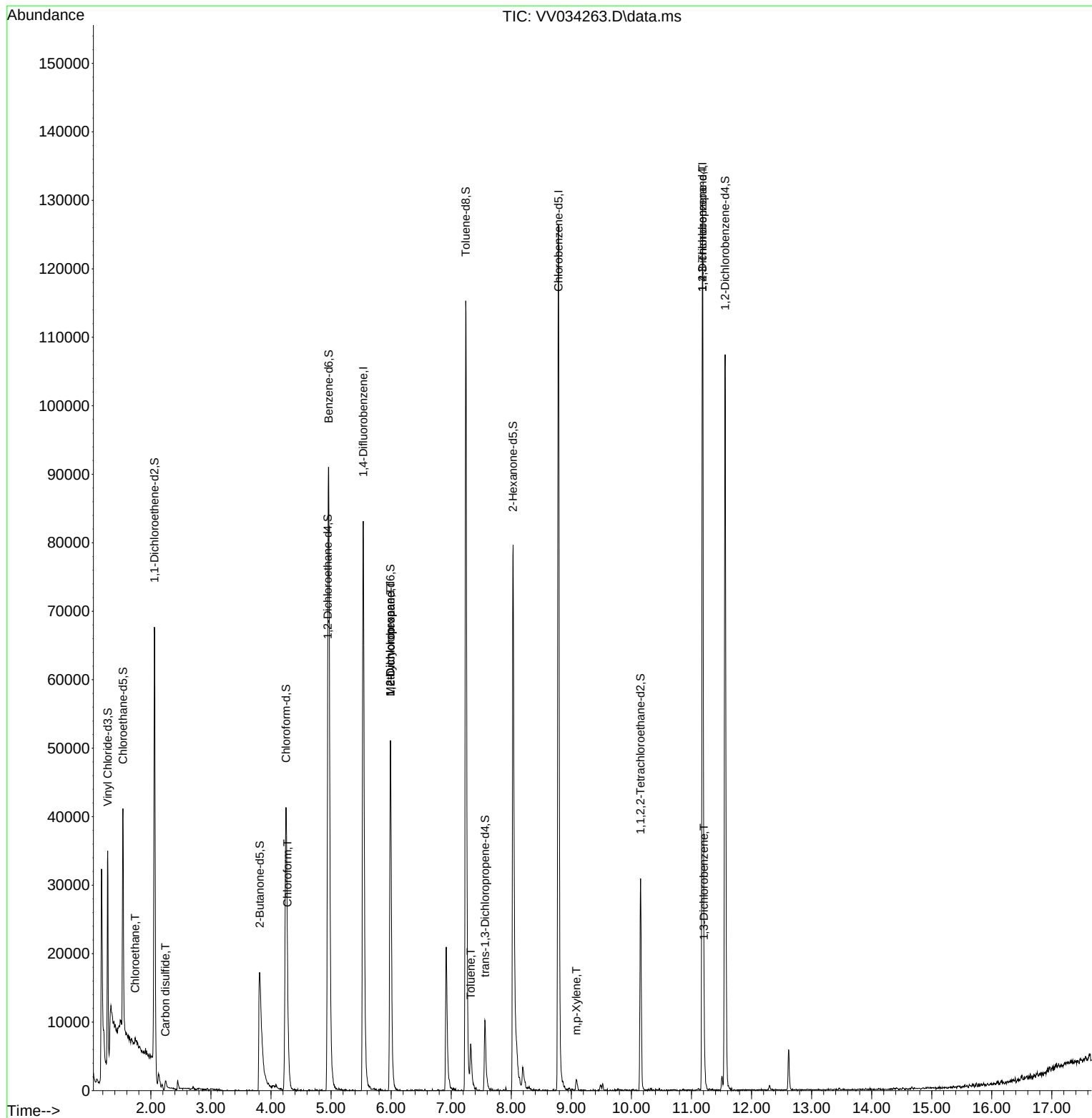
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	73732	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	66497	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	33607	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	21191	3.711	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.535	69	19777	3.954	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.060	65	10658	3.870	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	3.812	46	37096	38.680	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.360%
24) Chloroform-d	4.249	84	44379	4.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	4.944	65	22464	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	4.960	84	83068	4.164	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	5.989	67	22516	4.037	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.800%
41) Toluene-d8	7.243	98	77697	4.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.564	79	7460	3.543	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.027	63	28584	38.024	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.040%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	14063	4.160	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	26506	4.337	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
8) Chloroethane	1.738	64	1099	0.229	ug/L #	51
14) Carbon disulfide	2.243	76	2412	0.145	ug/L #	81
25) Chloroform	4.275	83	3383	0.347	ug/L	96
35) Methylcyclohexane	5.989	83	5928	0.654	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	3191	0.660	ug/L #	87
42) Toluene	7.326	91	5976	0.280	ug/L	91
53) m,p-Xylene	9.085	106	688	0.074	ug/L	92
61) 1,2,3-Trichloropropane	11.185	75	4283	1.854	ug/L #	65
64) 1,3-Dichlorobenzene	11.210	146	1283	0.118	ug/L	93

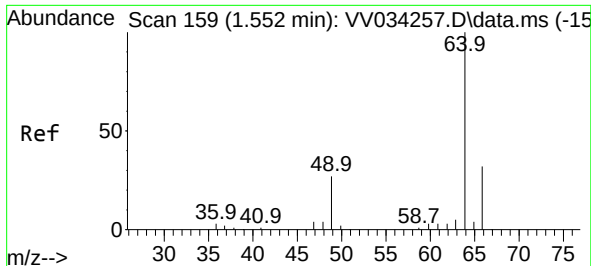
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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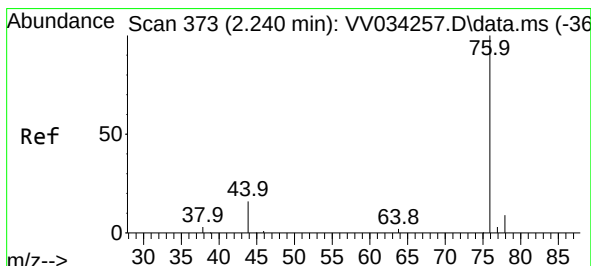
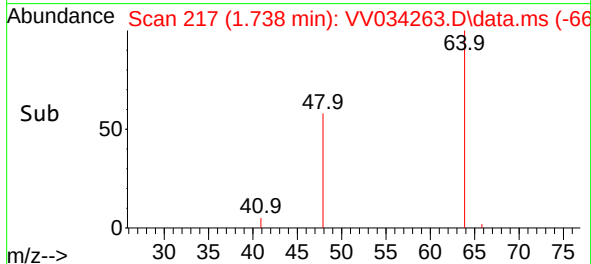
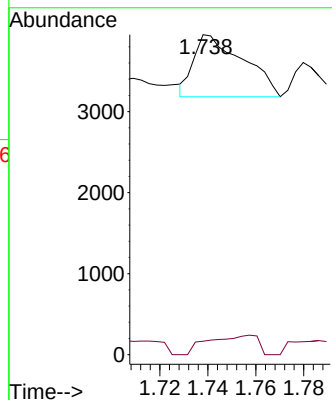
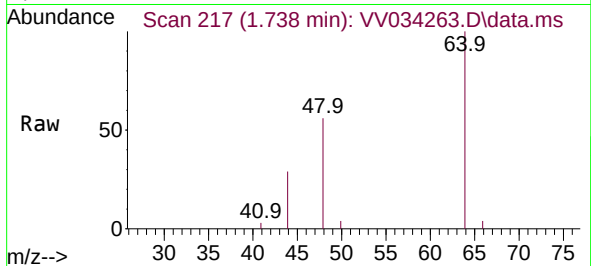




#8
Chloroethane
Concen: 0.229 ug/L
RT: 1.738 min Scan# 21
Delta R.T. 0.186 min
Lab File: VV034263.D
Acq: 20 Feb 2024 12:27

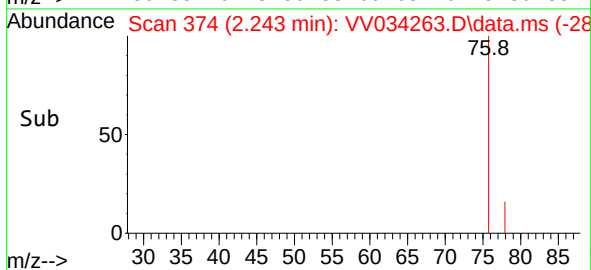
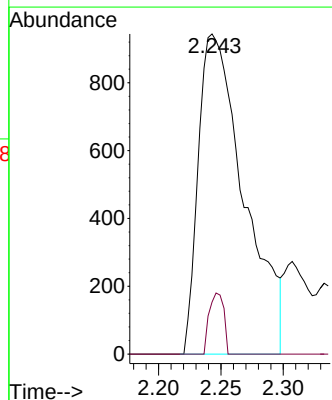
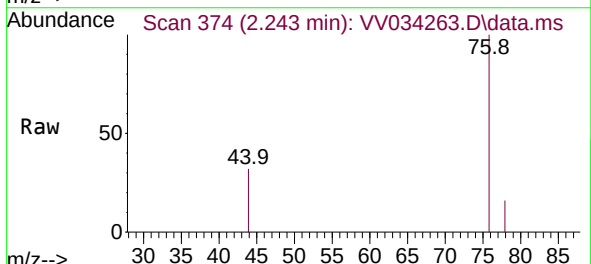
Instrument :
MSVOA_V
ClientSampleId :

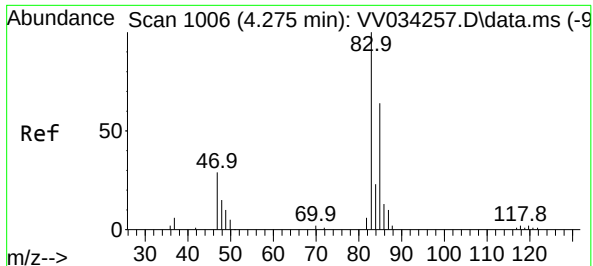
Tgt Ion: 64 Resp: 1099
Ion Ratio Lower Upper
64 100
66 4.2 22.0 41.0#



#14
Carbon disulfide
Concen: 0.145 ug/L
RT: 2.243 min Scan# 374
Delta R.T. 0.003 min
Lab File: VV034263.D
Acq: 20 Feb 2024 12:27

Tgt Ion: 76 Resp: 2412
Ion Ratio Lower Upper
76 100
78 16.2 7.5 11.3#

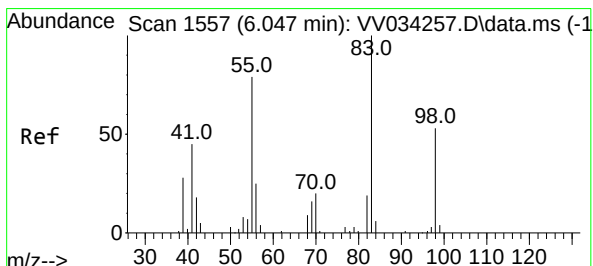
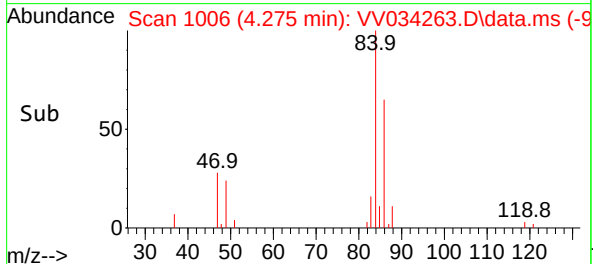
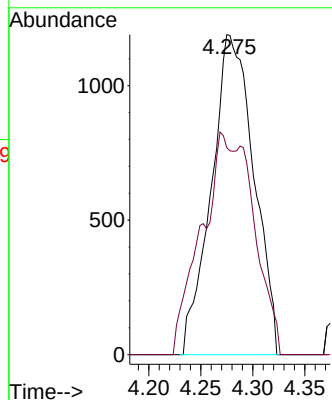
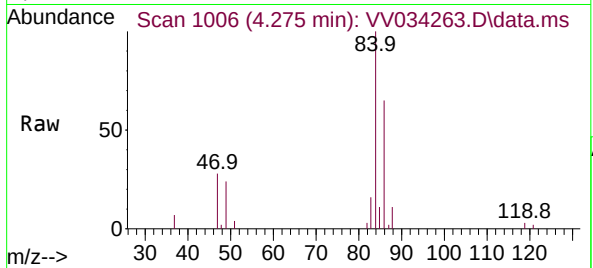




#25
Chloroform
Concen: 0.347 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VV034263.D
Acq: 20 Feb 2024 12:27

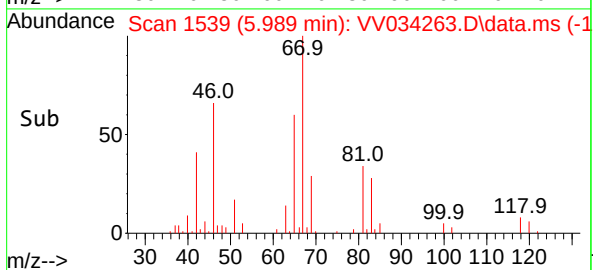
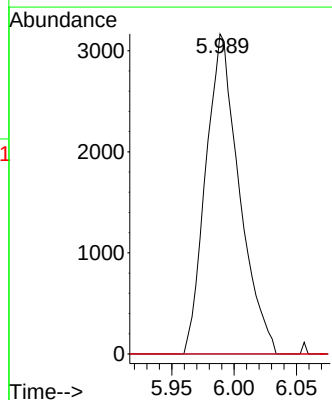
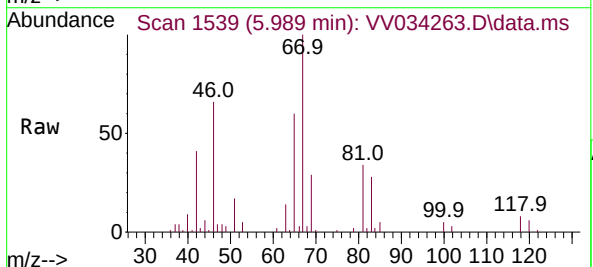
Instrument :
MSVOA_V
ClientSampleId :

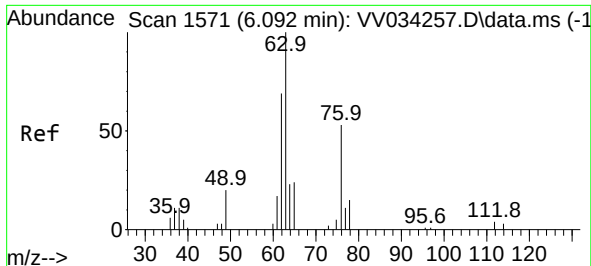
Tgt Ion: 83 Resp: 3383
Ion Ratio Lower Upper
83 100
85 64.7 47.5 88.1



#35
Methylcyclohexane
Concen: 0.654 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV034263.D
Acq: 20 Feb 2024 12:27

Tgt Ion: 83 Resp: 5928
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.660 ug/L

RT: 5.989 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV034263.D

Acq: 20 Feb 2024 12:27

Instrument :

MSVOA_V

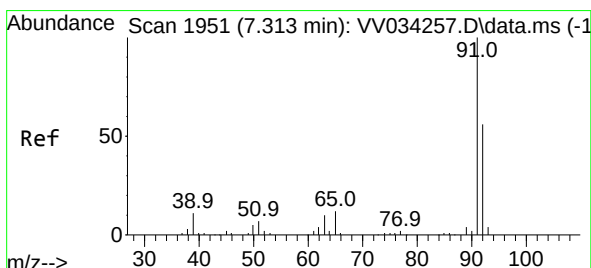
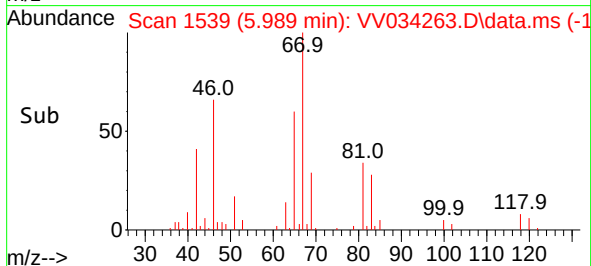
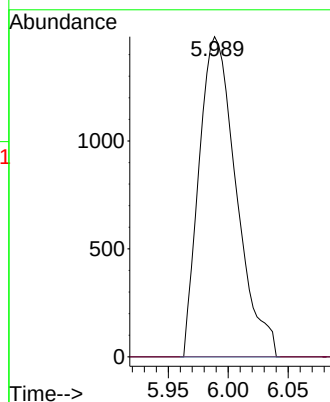
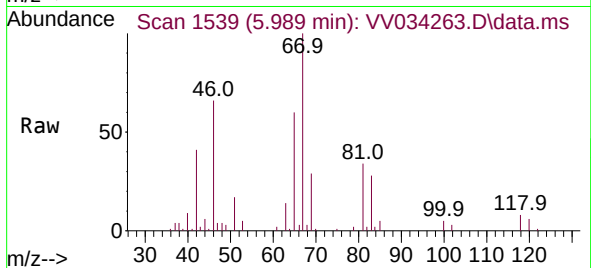
ClientSampleId :

Tgt Ion: 63 Resp: 3191

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#42

Toluene

Concen: 0.280 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.013 min

Lab File: VV034263.D

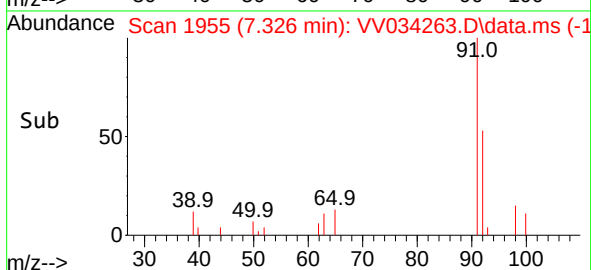
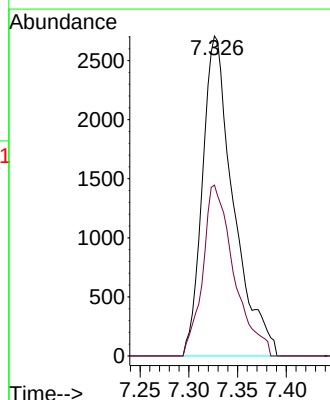
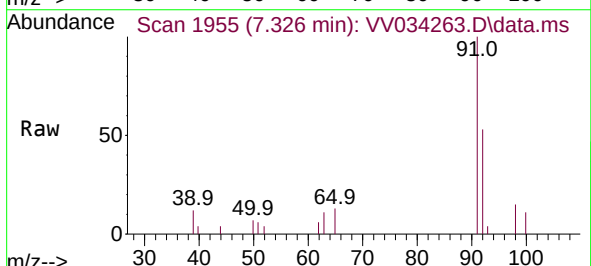
Acq: 20 Feb 2024 12:27

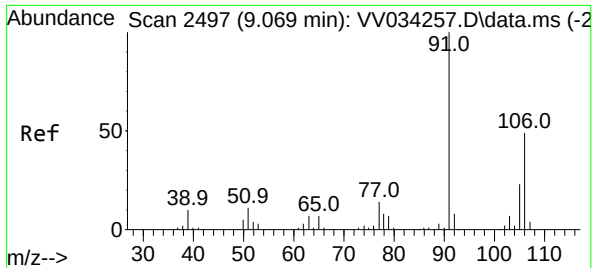
Tgt Ion: 91 Resp: 5976

Ion Ratio Lower Upper

91 100

92 53.4 42.1 78.3

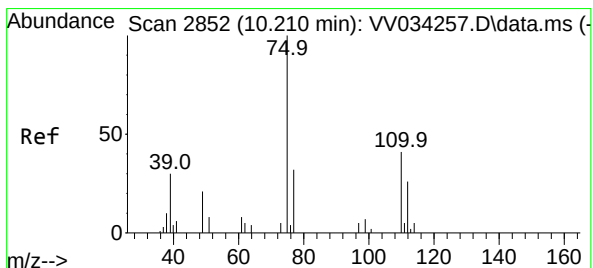
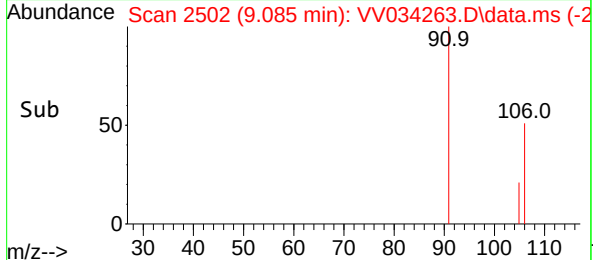
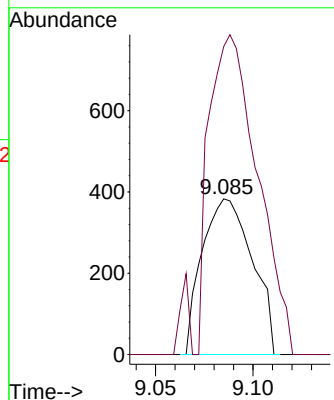
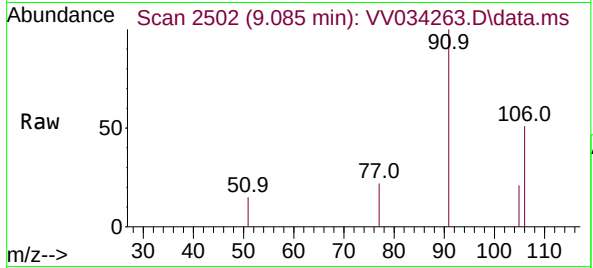




#53
m,p-Xylene
Concen: 0.074 ug/L
RT: 9.085 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV034263.D
Acq: 20 Feb 2024 12:27

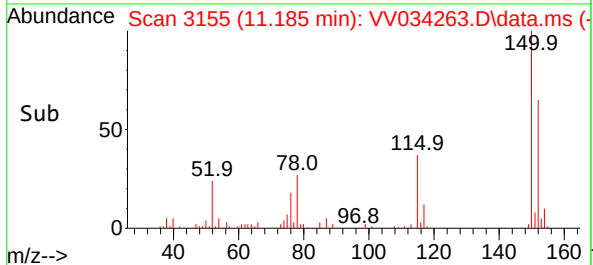
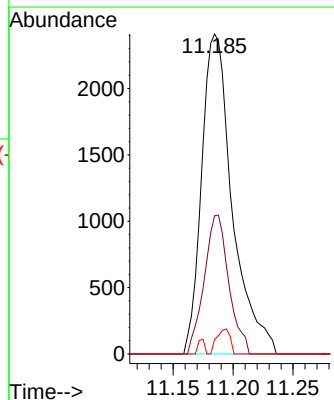
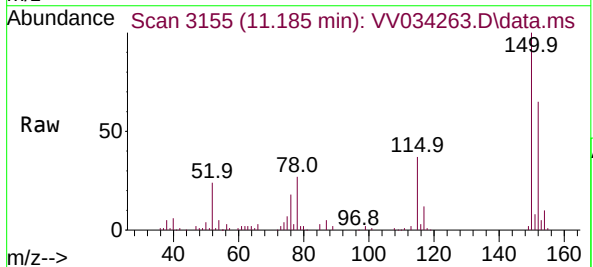
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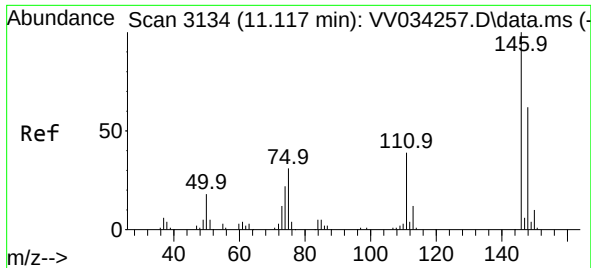
Tgt Ion:106 Resp: 688
Ion Ratio Lower Upper
106 100
91 197.9 147.5 273.9



#61
1,2,3-Trichloropropane
Concen: 1.854 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.974 min
Lab File: VV034263.D
Acq: 20 Feb 2024 12:27

Tgt Ion: 75 Resp: 4283
Ion Ratio Lower Upper
75 100
77 34.8 26.9 40.3
110 3.4 33.3 49.9#





#64

1,3-Dichlorobenzene

Concen: 0.118 ug/L

RT: 11.210 min Scan# 31

Delta R.T. 0.093 min

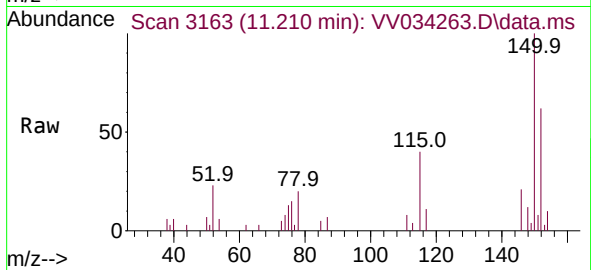
Lab File: VV034263.D

Acq: 20 Feb 2024 12:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:146 Resp: 1283

Ion Ratio Lower Upper

146 100

111 36.6 28.5 52.9

148 57.4 44.4 82.4

