

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022324\
 Data File : VW034365.D
 Acq On : 23 Feb 2024 10:55
 Operator : SY/MD
 Sample : P1511-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCNF0

Quant Time: Feb 24 00:45:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 24 00:41:32 2024
 Response via : Initial Calibration

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

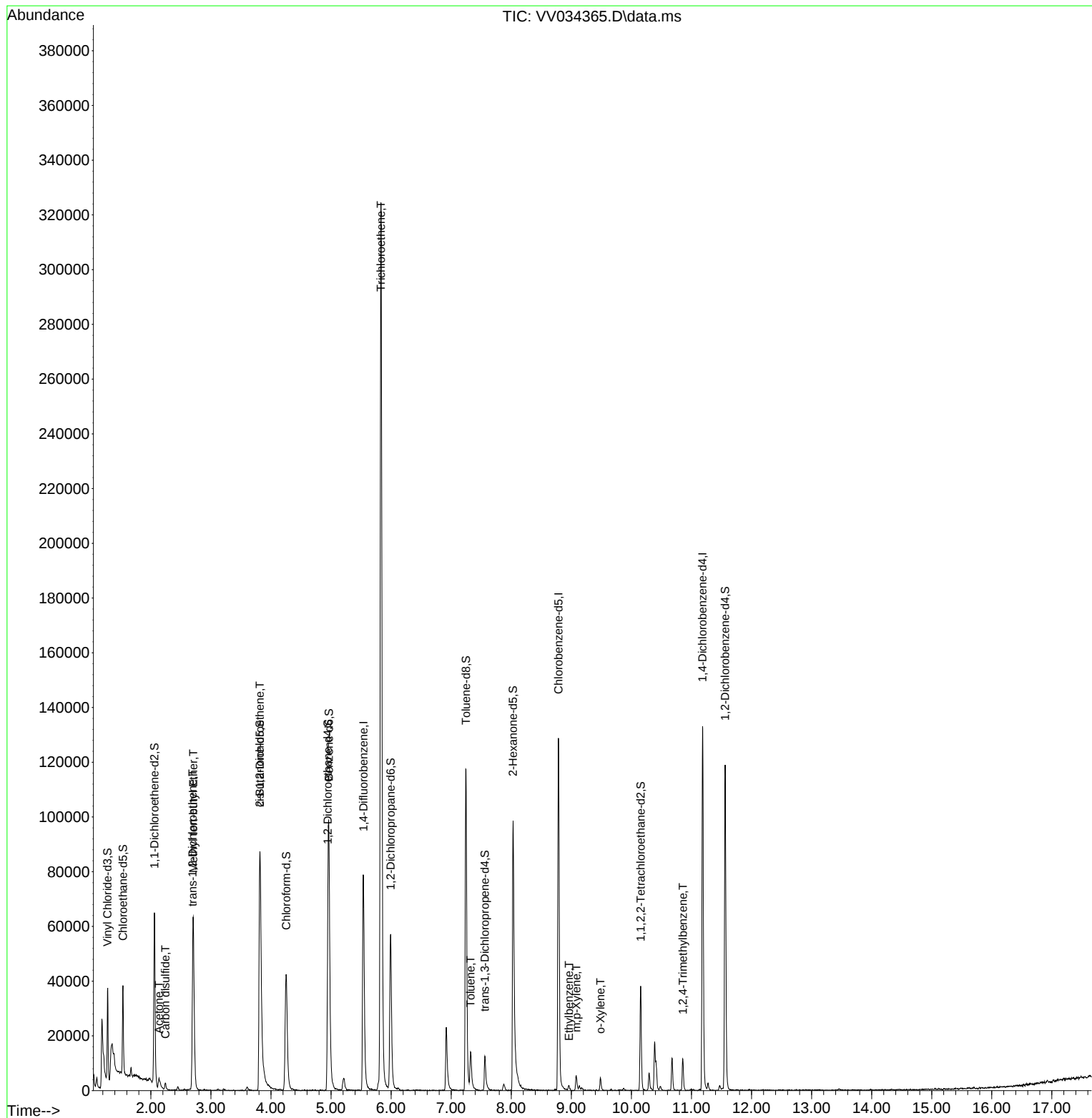
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	70825	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	71148	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	35011	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21495	3.919	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.400%	
7) Chloroethane-d5	1.535	69	19275	4.012	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.200%	
11) 1,1-Dichloroethene-d2	2.060	65	10261	3.879	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.600%	
20) 2-Butanone-d5	3.815	46	45594	49.493	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.980%	
24) Chloroform-d	4.252	84	46415	4.657	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
26) 1,2-Dichloroethane-d4	4.947	65	25380	5.449	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.000%	
32) Benzene-d6	4.963	84	88245	4.134	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.600%	
36) 1,2-Dichloropropane-d6	5.992	67	26556	4.451	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.000%	
41) Toluene-d8	7.246	98	79725	4.064	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.200%	
43) trans-1,3-Dichloroprop...	7.561	79	8416	3.735	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.800%	
46) 2-Hexanone-d5	8.030	63	36125	44.914	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.820%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18091	5.001	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.000%	
66) 1,2-Dichlorobenzene-d4	11.561	152	30484	4.788	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.800%	
Target Compounds						Qvalue
13) Acetone	2.137	43	6899	9.871	ug/L	# 41
14) Carbon disulfide	2.243	76	3377	0.211	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	53425	5.255	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	5046	1.001	ug/L	95
22) cis-1,2-Dichloroethene	3.815	96	36492	6.382	ug/L	92
34) Trichloroethene	5.831	95	111771	18.098	ug/L	98
42) Toluene	7.323	91	11558	0.507	ug/L	97
52) Ethylbenzene	8.960	91	1961	0.075	ug/L	94
53) m,p-Xylene	9.085	106	1833	0.185	ug/L	98
54) o-Xylene	9.484	106	1410	0.147	ug/L	81
63) 1,2,4-Trimethylbenzene	10.857	105	7182	0.337	ug/L	97

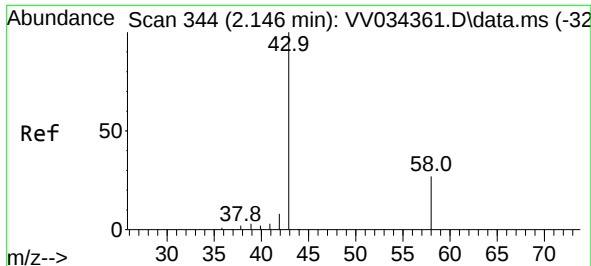
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 9.871 ug/L

RT: 2.137 min Scan# 344

Delta R.T. -0.010 min

Lab File: VV034365.D

Acq: 23 Feb 2024 10:55

Instrument :

MSVOA_V

ClientSampleId :

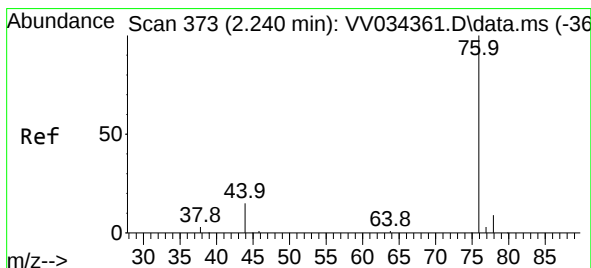
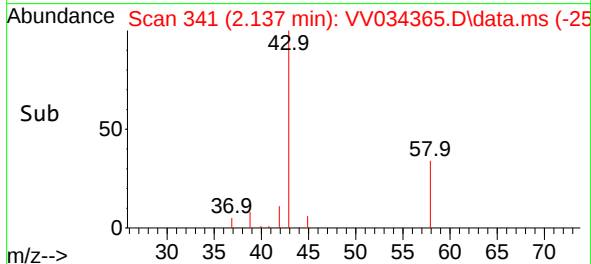
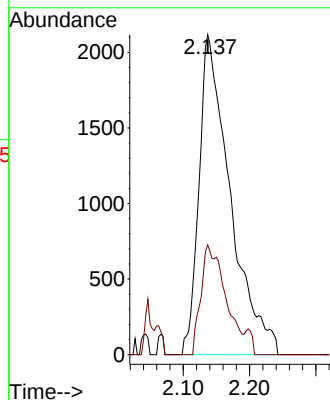
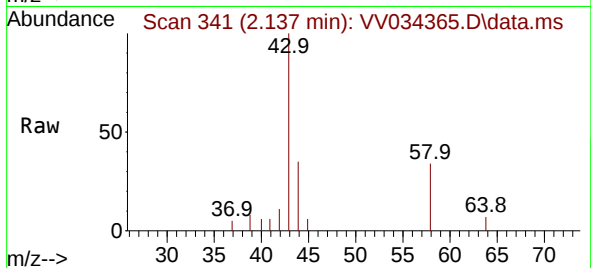
DCNF0

Tgt Ion: 43 Resp: 6899

Ion Ratio Lower Upper

43 100

58 27.2 0.0 13.8#



#14

Carbon disulfide

Concen: 0.211 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034365.D

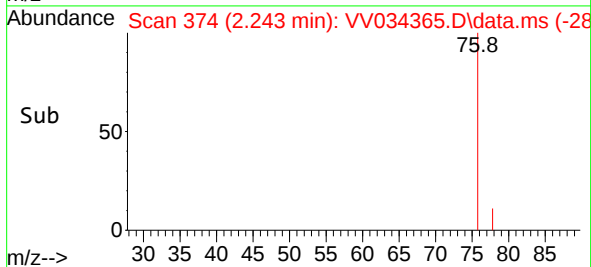
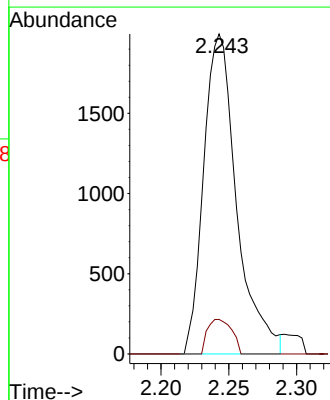
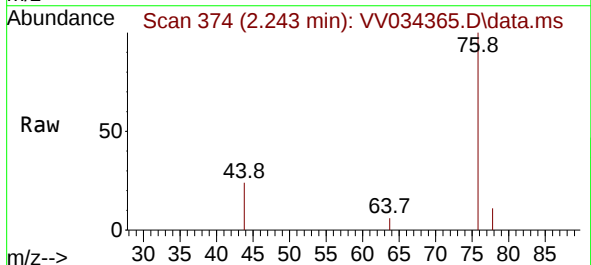
Acq: 23 Feb 2024 10:55

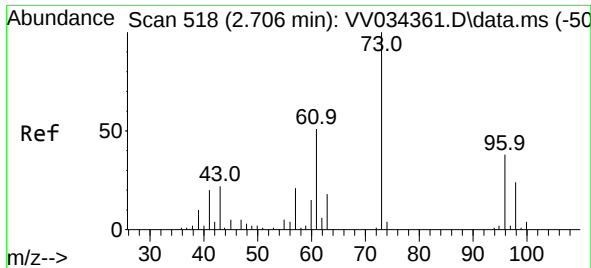
Tgt Ion: 76 Resp: 3377

Ion Ratio Lower Upper

76 100

78 10.8 7.5 11.3





#17

Methyl tert-butyl Ether

Concen: 5.255 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.000 min

Lab File: VV034365.D

Acq: 23 Feb 2024 10:55

Instrument :

MSVOA_V

ClientSampleId :

DCNF0

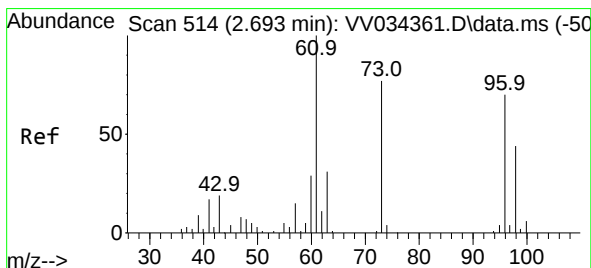
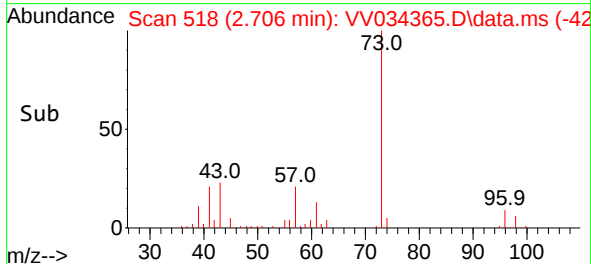
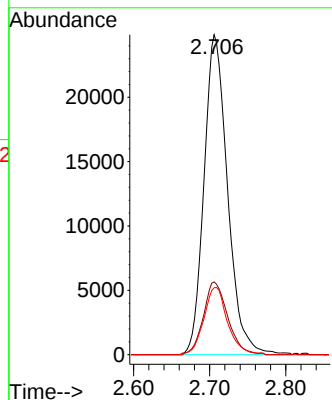
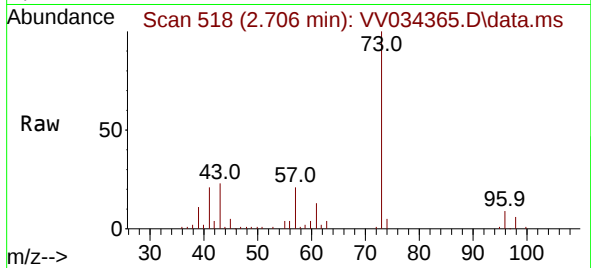
Tgt Ion: 73 Resp: 53425

Ion Ratio Lower Upper

73 100

43 23.5 17.7 26.5

57 21.1 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 1.001 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.003 min

Lab File: VV034365.D

Acq: 23 Feb 2024 10:55

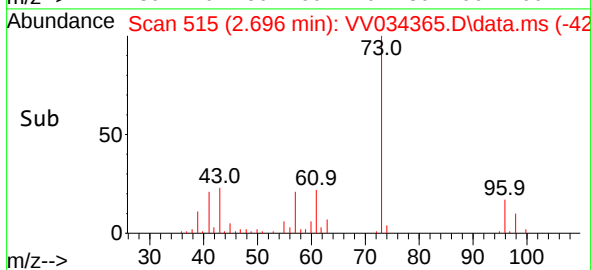
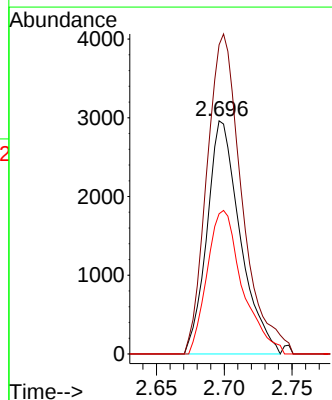
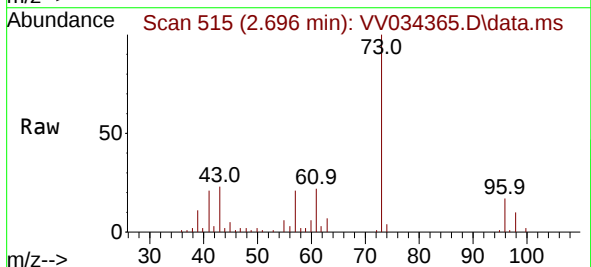
Tgt Ion: 96 Resp: 5046

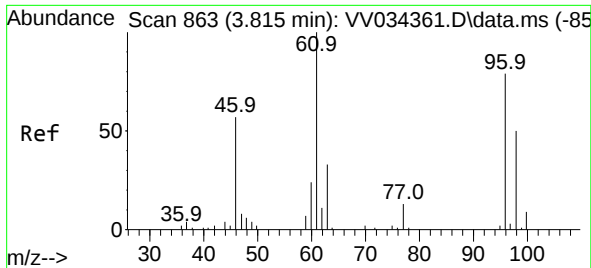
Ion Ratio Lower Upper

96 100

61 132.6 97.6 181.4

98 60.1 44.4 82.5

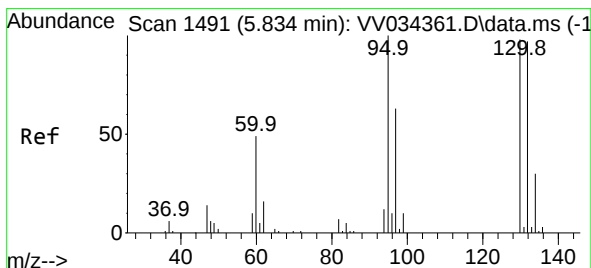
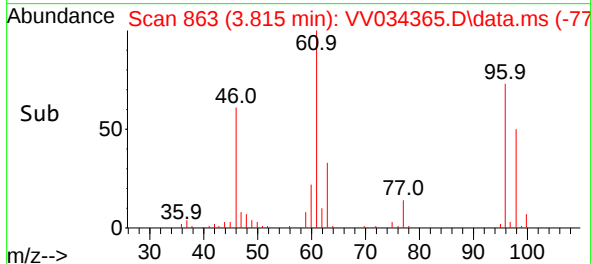
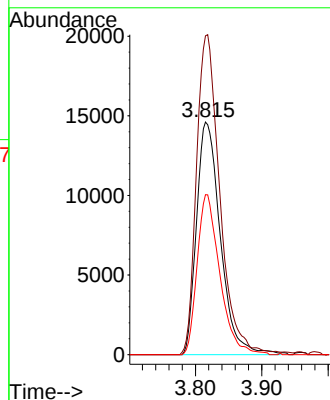
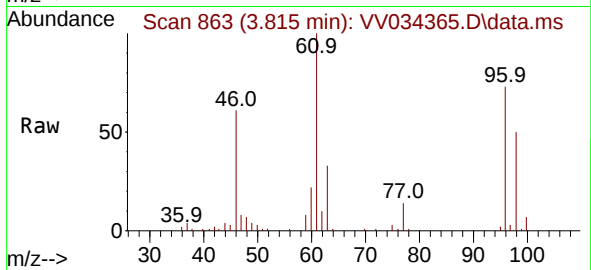




#22
cis-1,2-Dichloroethene
Concen: 6.382 ug/L
RT: 3.815 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV034365.D
Acq: 23 Feb 2024 10:55

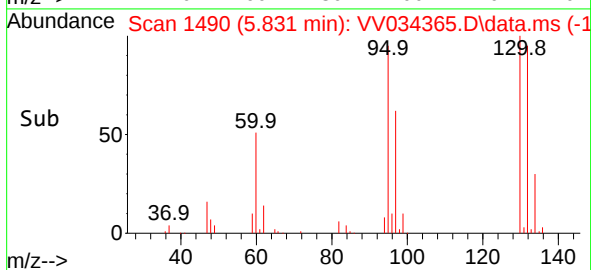
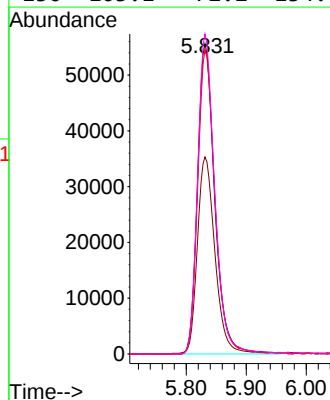
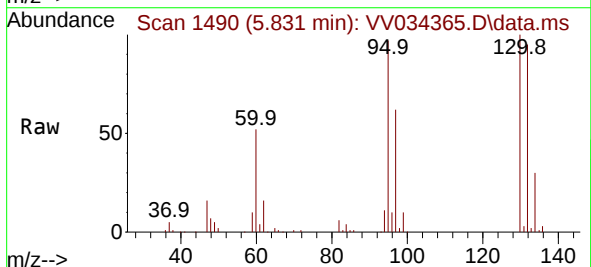
Instrument :
MSVOA_V
ClientSampleId :
DCNF0

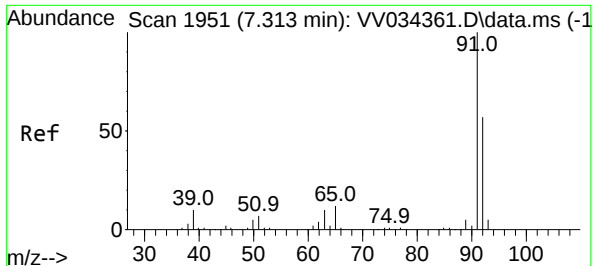
Tgt Ion: 96 Resp: 36492
Ion Ratio Lower Upper
96 100
61 137.0 90.3 167.7
98 68.8 43.2 80.2



#34
Trichloroethene
Concen: 18.098 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.003 min
Lab File: VV034365.D
Acq: 23 Feb 2024 10:55

Tgt Ion: 95 Resp: 111771
Ion Ratio Lower Upper
95 100
97 63.5 45.1 83.7
132 98.0 66.0 122.6
130 103.1 72.2 134.0





#42

Toluene

Concen: 0.507 ug/L

RT: 7.323 min Scan# 1951

Delta R.T. 0.010 min

Lab File: VV034365.D

Acq: 23 Feb 2024 10:55

Instrument :

MSVOA_V

ClientSampleId :

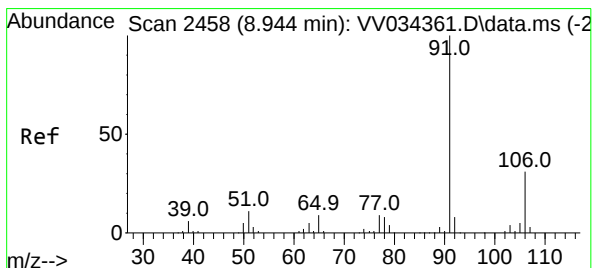
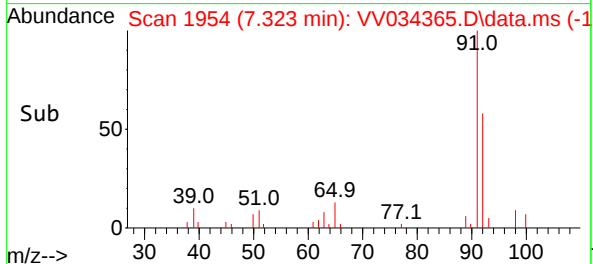
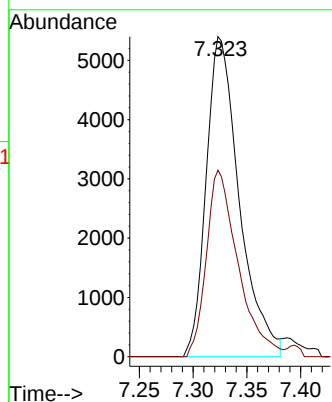
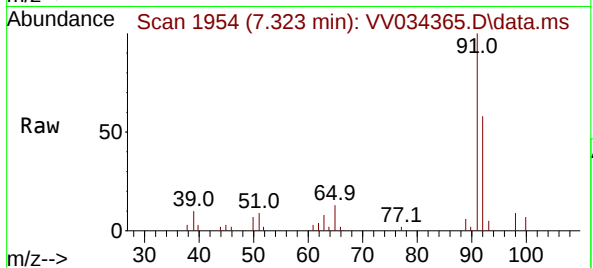
DCNF0

Tgt Ion: 91 Resp: 11558

Ion Ratio Lower Upper

91 100

92 58.2 42.1 78.3



#52

Ethylbenzene

Concen: 0.075 ug/L

RT: 8.960 min Scan# 2463

Delta R.T. 0.016 min

Lab File: VV034365.D

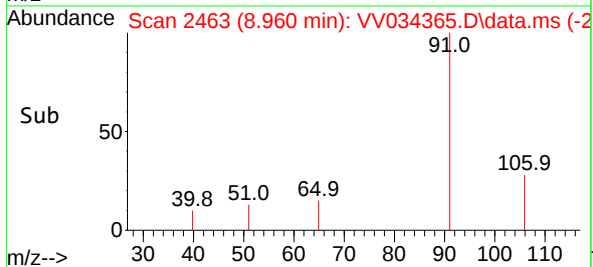
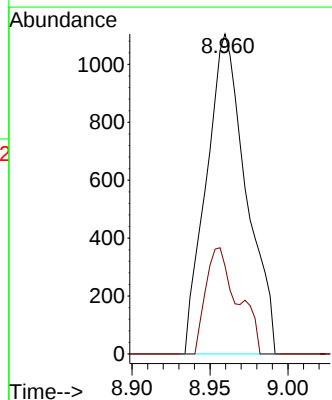
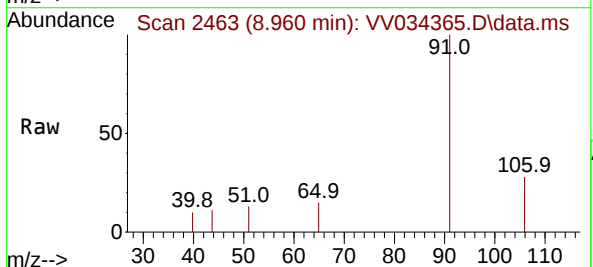
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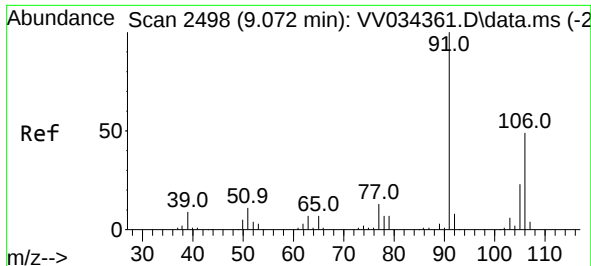
Tgt Ion: 91 Resp: 1961

Ion Ratio Lower Upper

91 100

106 27.5 21.4 39.8

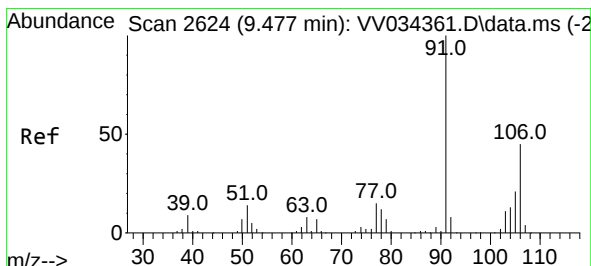
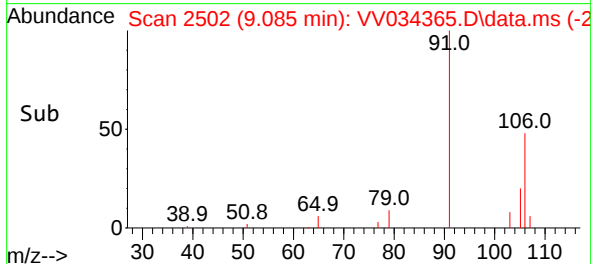
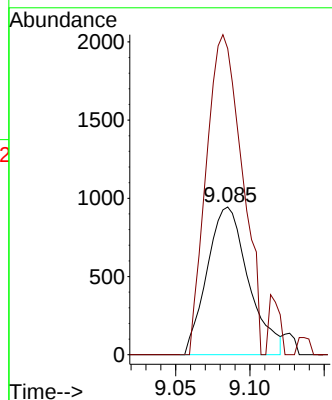
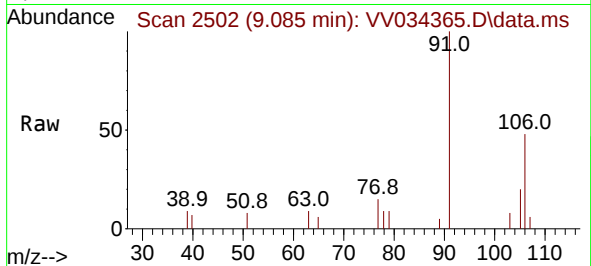




#53
m,p-Xylene
Concen: 0.185 ug/L
RT: 9.085 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV034365.D
Acq: 23 Feb 2024 10:55

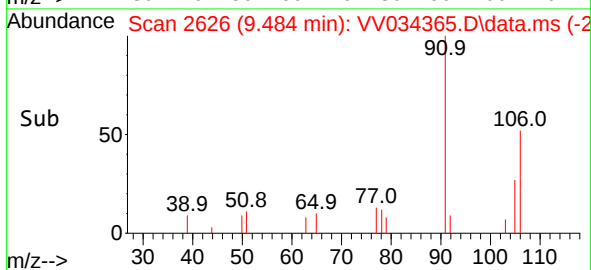
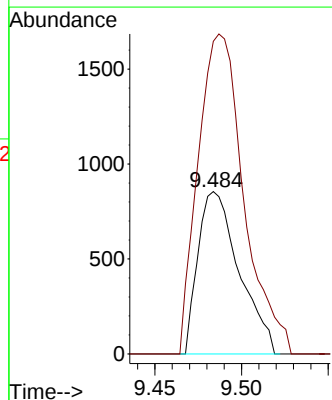
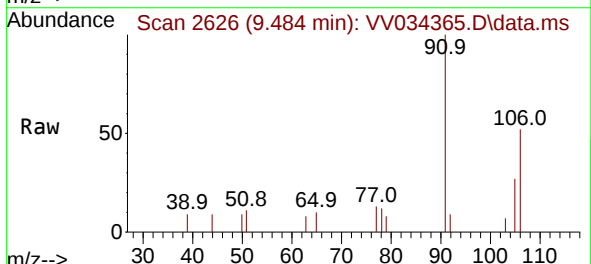
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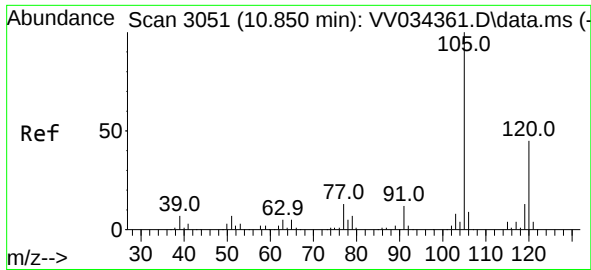
Tgt Ion:106 Resp: 1833
Ion Ratio Lower Upper
106 100
91 207.3 147.5 273.9



#54
o-Xylene
Concen: 0.147 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.006 min
Lab File: VV034365.D
Acq: 23 Feb 2024 10:55

Tgt Ion:106 Resp: 1410
Ion Ratio Lower Upper
106 100
91 192.5 156.2 290.0





#63

1,2,4-Trimethylbenzene

Concen: 0.337 ug/L

RT: 10.857 min Scan# 30

Delta R.T. 0.006 min

Lab File: VV034365.D

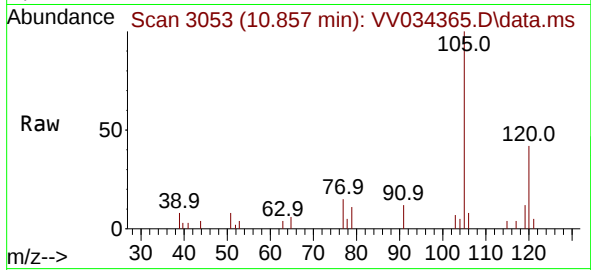
Acq: 23 Feb 2024 10:55

Instrument :

MSVOA_V

ClientSampleId :

DCNF0



Tgt Ion:105 Resp: 7182

Ion Ratio Lower Upper

105 100

120 43.4 36.2 54.2

