

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022024\
 Data File : VV034295.D
 Acq On : 21 Feb 2024 01:53
 Operator : SY/MD
 Sample : P1511-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

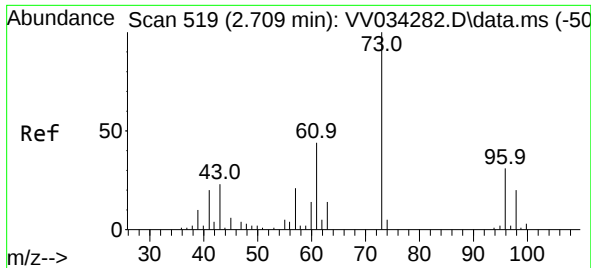
Instrument :
 MSVOA_V
 ClientSampleId :
 DCND2

Quant Time: Feb 21 04:50:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 04:37:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	75355	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	69066	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	34420	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23065	3.952	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.000%	
7) Chloroethane-d5	1.536	69	19366	3.788	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.800%	
11) 1,1-Dichloroethene-d2	2.060	65	10757	3.822	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.400%	
20) 2-Butanone-d5	3.841	46	39118	39.910	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	79.820%	
24) Chloroform-d	4.253	84	45563	4.296	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
26) 1,2-Dichloroethane-d4	4.947	65	22747	4.590	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
32) Benzene-d6	4.960	84	85440	4.123	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
36) 1,2-Dichloropropane-d6	5.989	67	24723	4.268	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.400%	
41) Toluene-d8	7.243	98	78341	4.114	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	7.561	79	6972	3.188	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	63.800%	
46) 2-Hexanone-d5	8.031	63	32894	42.130	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.260%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15604	4.444	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.800%	
66) 1,2-Dichlorobenzene-d4	11.561	152	28035	4.479	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.600%	
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.706	73	147106	13.601	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	35738	6.665	ug/L	94
19) 1,1-Dichloroethane	3.114	63	1210	0.123	ug/L #	83
22) cis-1,2-Dichloroethene	3.825	96	3343	0.550	ug/L	93
52) Ethylbenzene	8.957	91	1802	0.071	ug/L	93
53) m,p-Xylene	9.082	106	1560	0.162	ug/L	98
54) o-Xylene	9.487	106	928	0.100	ug/L	61

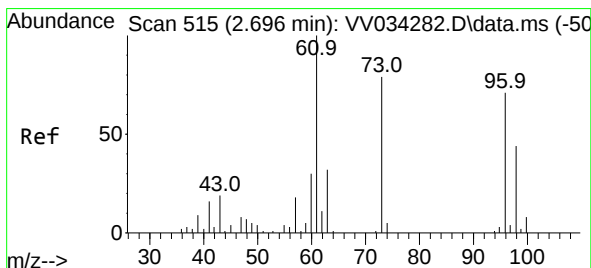
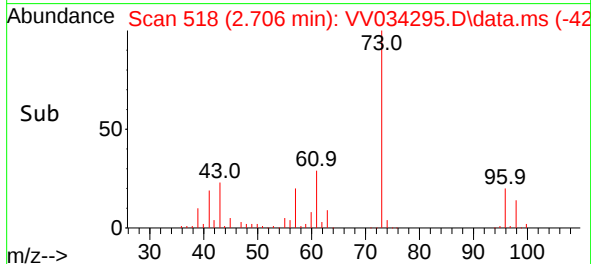
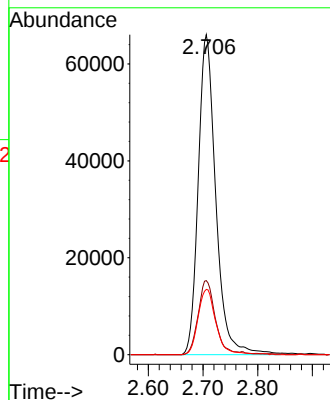
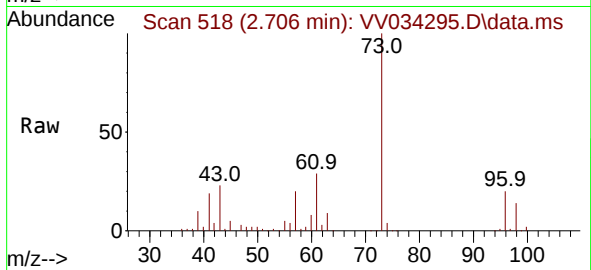
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#17
Methyl tert-butyl Ether
Concen: 13.601 ug/L
RT: 2.706 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV034295.D
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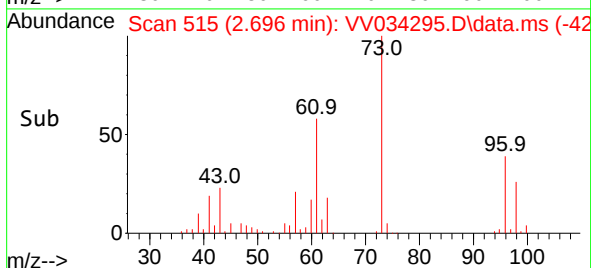
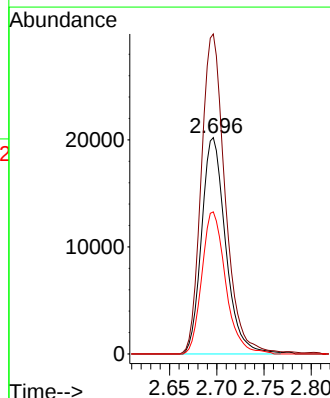
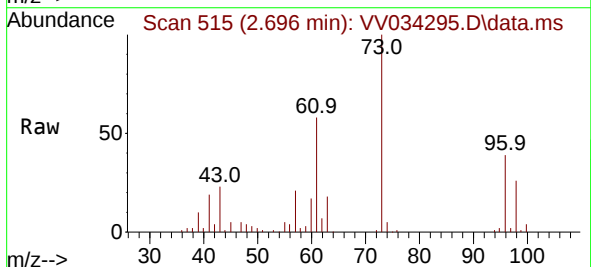
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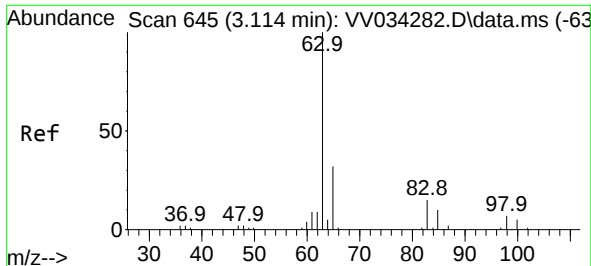
Tgt Ion: 73 Resp: 147106
Ion Ratio Lower Upper
73 100
43 22.5 17.7 26.5
57 20.8 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 6.665 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV034295.D
Acq: 21 Feb 2024 01:53

Tgt Ion: 96 Resp: 35738
Ion Ratio Lower Upper
96 100
61 147.9 97.6 181.4
98 65.7 44.4 82.5

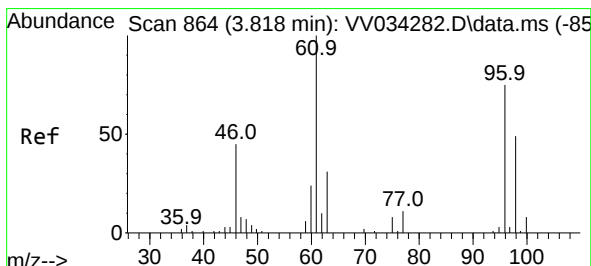
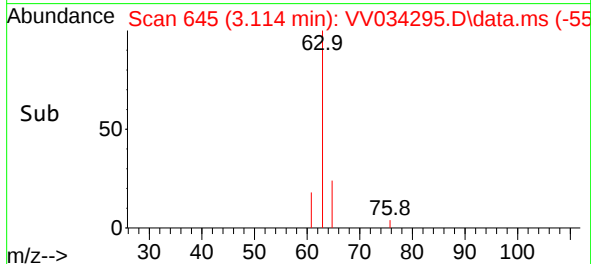
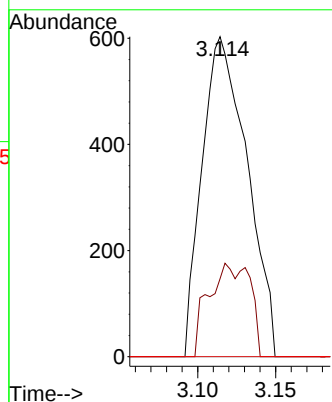
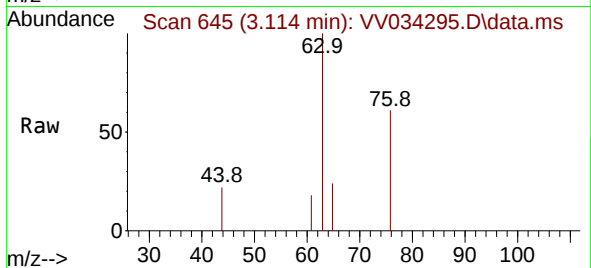




#19
 1,1-Dichloroethane
 Concen: 0.123 ug/L
 RT: 3.114 min Scan# 645
 Delta R.T. 0.000 min
 Lab File: VV034295.D
 Acq: 21 Feb 2024 01:53

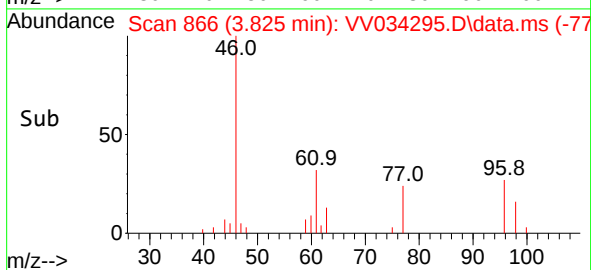
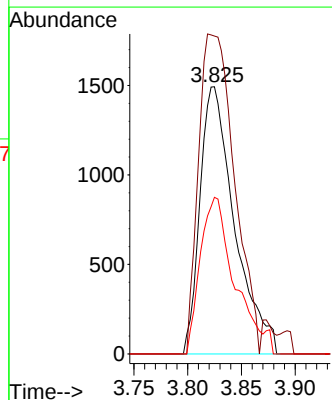
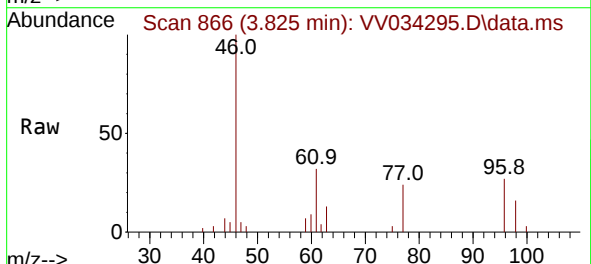
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 MSVOA_V
 ClientSampleId :
 DCND2

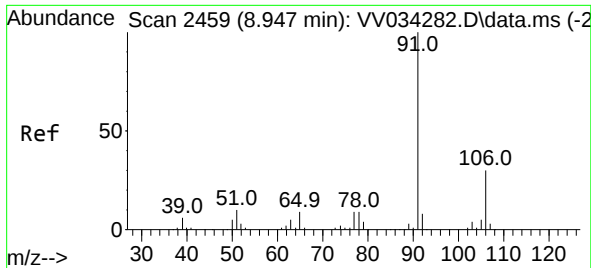
Tgt Ion: 63 Resp: 1210
 Ion Ratio Lower Upper
 63 100
 65 24.4 20.8 38.6
 83 0.0 9.4 17.4#



#22
 cis-1,2-Dichloroethene
 Concen: 0.550 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.007 min
 Lab File: VV034295.D
 Acq: 21 Feb 2024 01:53

Tgt Ion: 96 Resp: 3343
 Ion Ratio Lower Upper
 96 100
 61 119.0 90.3 167.7
 98 58.6 43.2 80.2





#52

Ethylbenzene

Concen: 0.071 ug/L

RT: 8.957 min Scan# 2459

Delta R.T. 0.010 min

Lab File: VV034295.D

Acq: 21 Feb 2024 01:53

Instrument :

MSVOA_V

ClientSampleId :

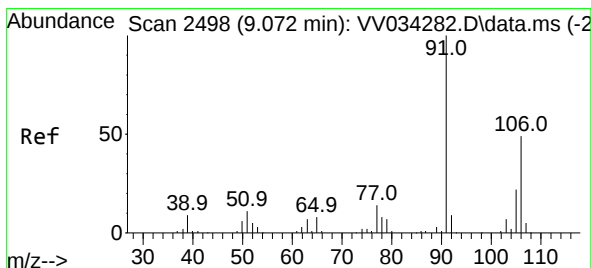
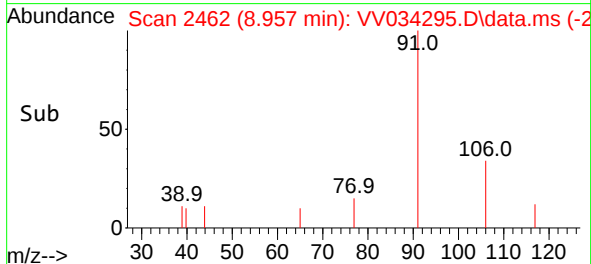
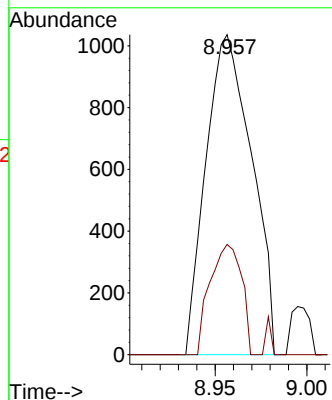
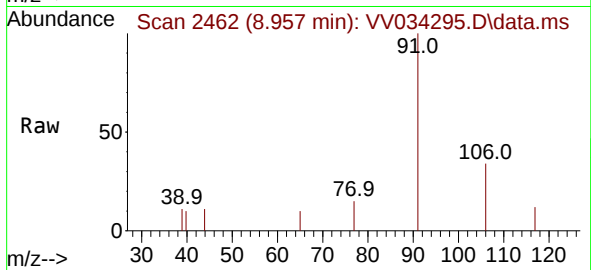
DCND2

Tgt Ion: 91 Resp: 1802

Ion Ratio Lower Upper

91 100

106 34.5 21.4 39.8



#53

m,p-Xylene

Concen: 0.162 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.010 min

Lab File: VV034295.D

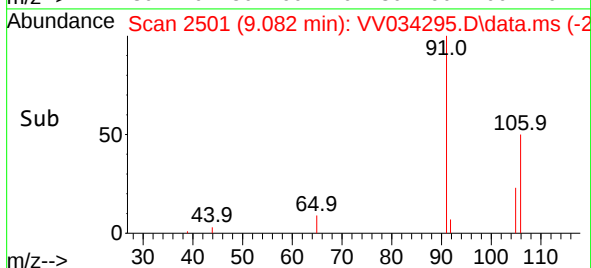
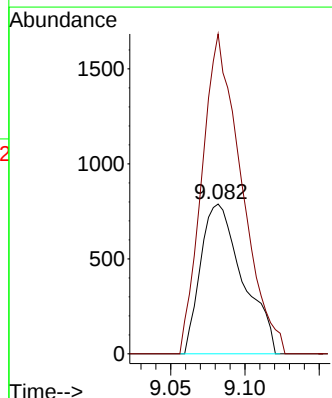
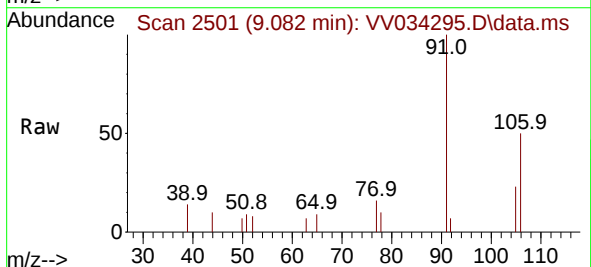
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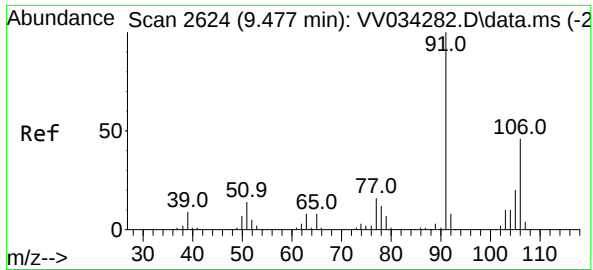
Tgt Ion: 106 Resp: 1560

Ion Ratio Lower Upper

106 100

91 213.4 147.5 273.9





#54
 o-Xylene
 Concen: 0.100 ug/L
 RT: 9.487 min Scan# 20
 Delta R.T. 0.010 min
 Lab File: VV034295.D
 Acq: 21 Feb 2024 01:53

Instrument :
 MSVOA_V
 ClientSampleId :
 DCND2

Tgt Ion:106 Resp: 928
 Ion Ratio Lower Upper
 106 100
 91 160.3 156.2 290.0

