

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
 Data File : VV028424.D
 Acq On : 07 Oct 2022 22:01
 Operator : SY/MD
 Sample : N4889-03 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ61

Quant Time: Oct 08 01:03:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 23:51:49 2022
 Response via : Initial Calibration

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

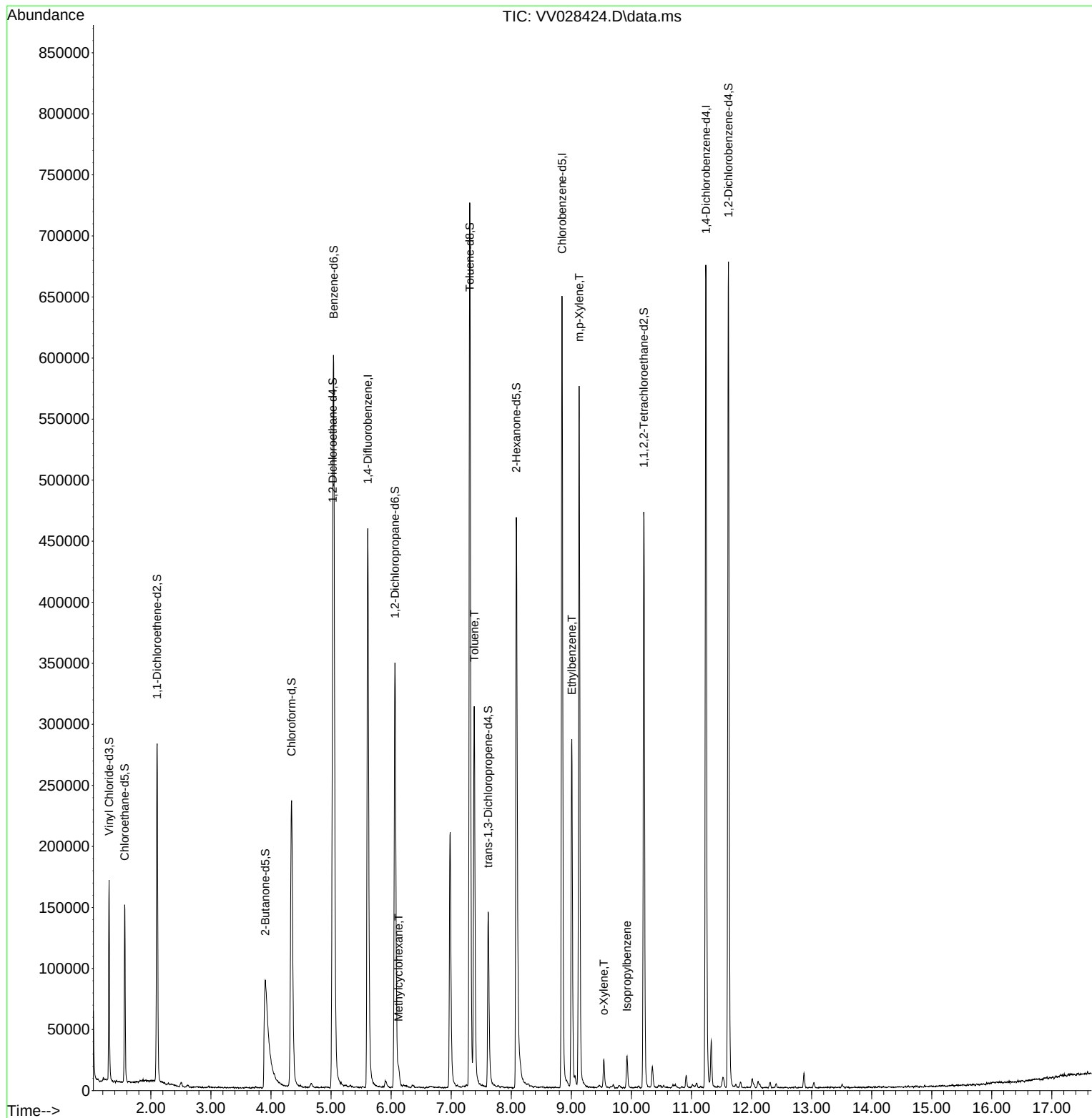
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	387456	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	349095	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	170878	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	105638	35.335	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	70.660%	
7) Chloroethane-d5	1.565	69	92050	38.831	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	77.660%	
11) 1,1-Dichloroethene-d2	2.105	63	148572	29.200	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	58.400%#	
21) 2-Butanone-d5	3.905	46	264134	100.925	ug/L	0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	=	100.930%	
24) Chloroform-d	4.343	84	245112	44.703	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.400%	
26) 1,2-Dichloroethane-d4	5.027	65	169292	47.874	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.740%	
32) Benzene-d6	5.044	84	517273	46.242	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.480%	
36) 1,2-Dichloropropane-d6	6.063	67	171132	46.922	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	93.840%	
41) Toluene-d8	7.310	98	469299	46.859	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.720%	
43) trans-1,3-Dichloroprop...	7.616	79	84311	45.353	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.700%	
47) 2-Hexanone-d5	8.085	63	186530	94.018	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	94.020%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	226954	45.474	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	90.940%	
66) 1,2-Dichlorobenzene-d4	11.616	152	169158	47.775	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.560%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.124	83	4704	0.950	ug/L	# 84
42) Toluene	7.384	91	226811	19.165	ug/L	99
52) Ethylbenzene	9.008	91	201316	15.607	ug/L	100
53) m,p-Xylene	9.130	106	155929	31.893	ug/L	100
54) o-Xylene	9.542	106	5990	1.224	ug/L	90
60) Isopropylbenzene	9.928	105	17355	1.409	ug/L	98

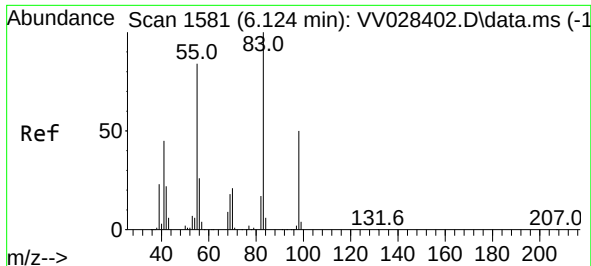
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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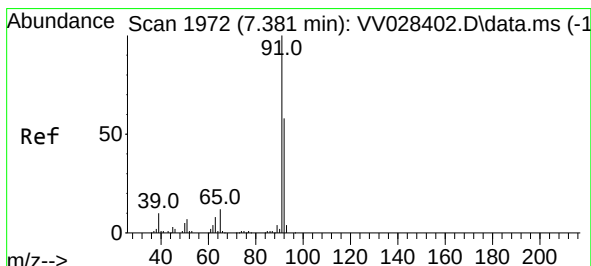
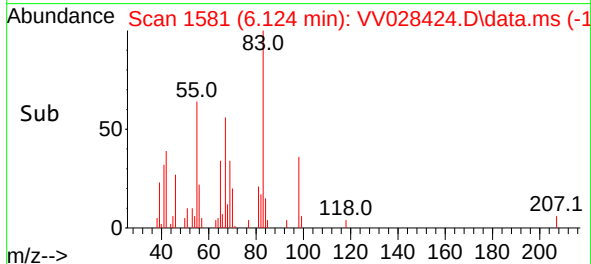
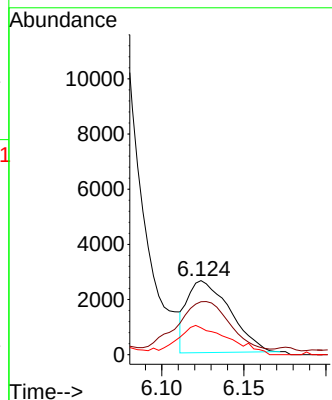
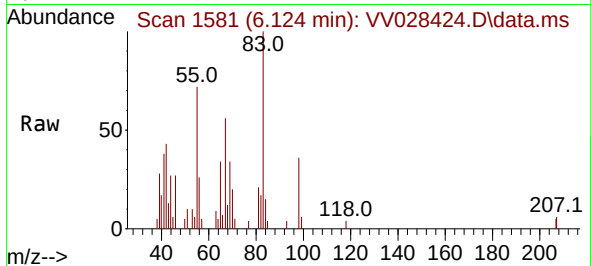




#35
Methylcyclohexane
Concen: 0.950 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV028424.D
Acq: 07 Oct 2022 22:01

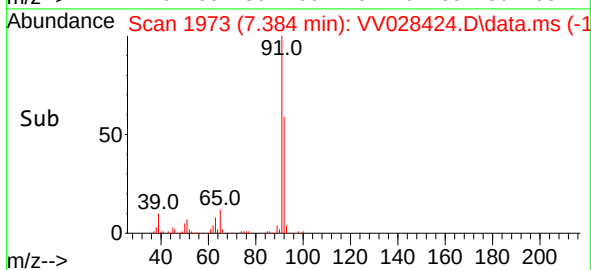
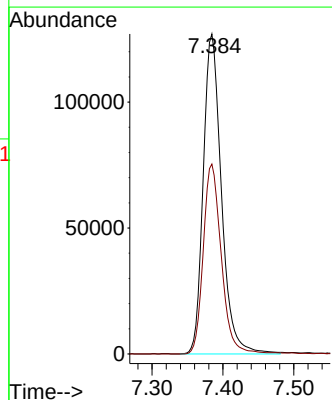
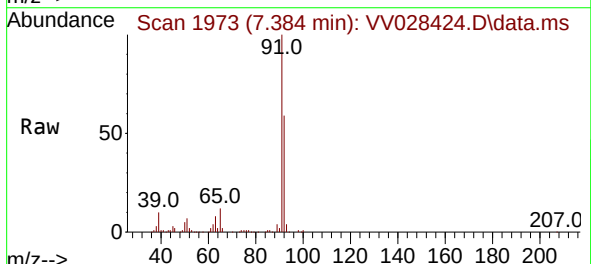
Instrument :
MSVOA_V
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EXZ61

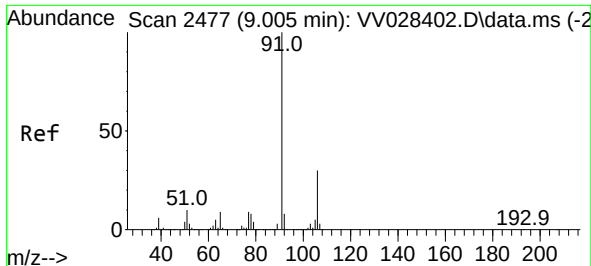
Tgt Ion: 83 Resp: 4704
Ion Ratio Lower Upper
83 100
55 90.7 63.7 95.5
98 33.4 38.2 57.2#



#42
Toluene
Concen: 19.165 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV028424.D
Acq: 07 Oct 2022 22:01

Tgt Ion: 91 Resp: 226811
Ion Ratio Lower Upper
91 100
92 59.3 40.9 76.0

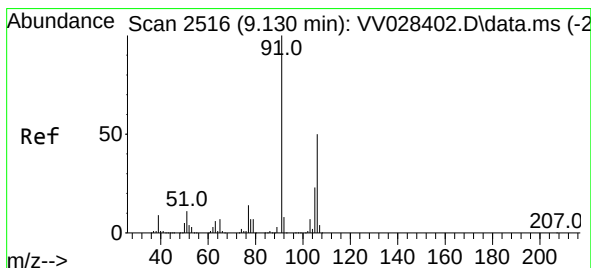
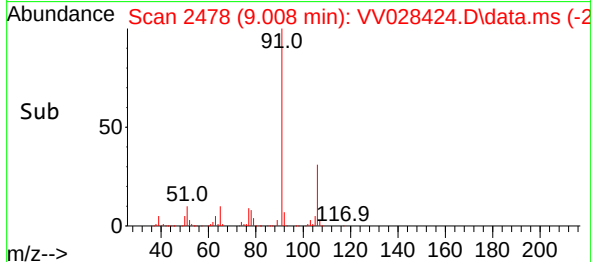
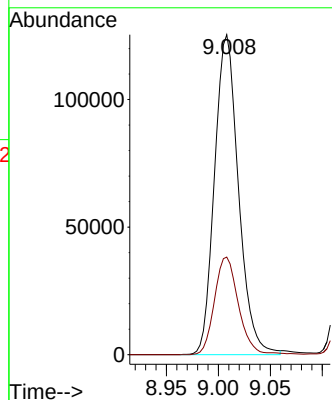
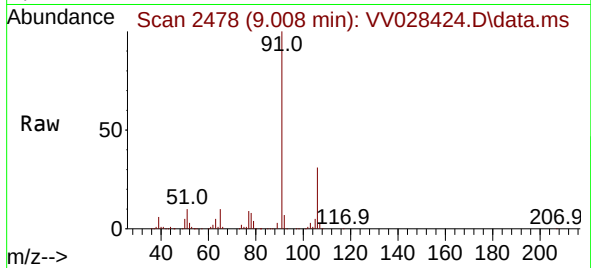




#52
Ethylbenzene
Concen: 15.607 ug/L
RT: 9.008 min Scan# 2477
Delta R.T. 0.003 min
Lab File: VV028424.D
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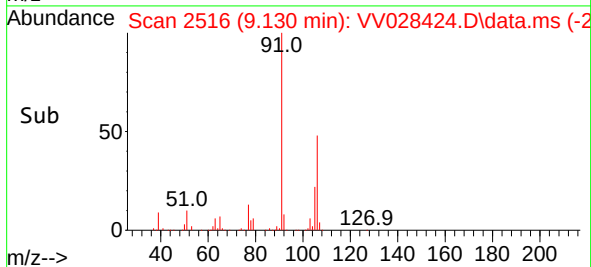
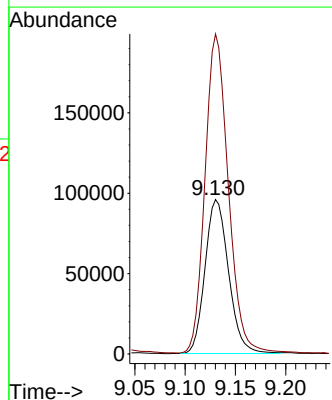
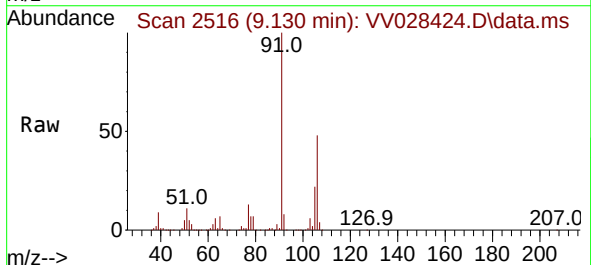
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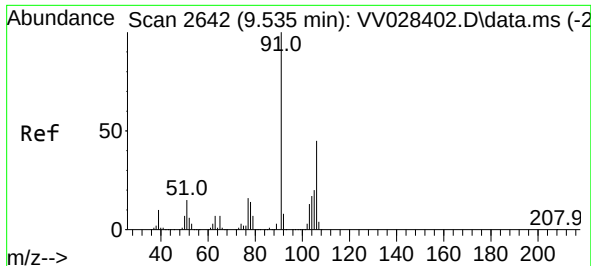
Tgt Ion: 91 Resp: 201316
Ion Ratio Lower Upper
91 100
106 30.5 21.4 39.8



#53
m,p-Xylene
Concen: 31.893 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VV028424.D
Acq: 07 Oct 2022 22:01

Tgt Ion: 106 Resp: 155929
Ion Ratio Lower Upper
106 100
91 207.2 145.2 269.6

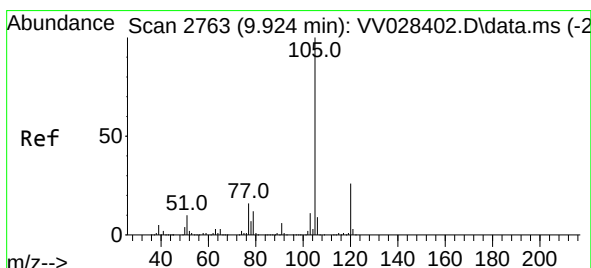
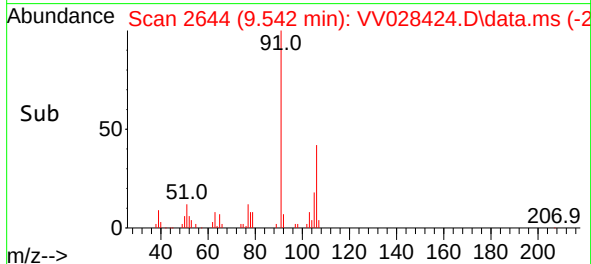
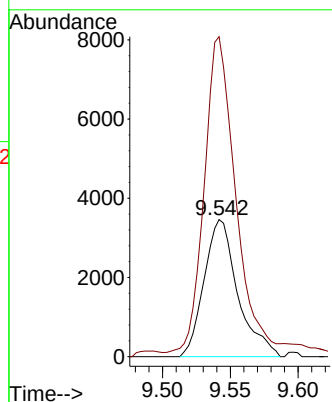
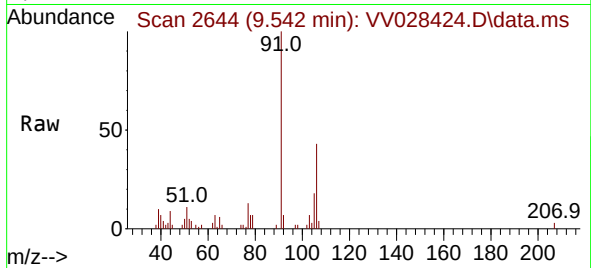




#54
o-Xylene
Concen: 1.224 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.006 min
Lab File: VV028424.D
Acq: 07 Oct 2022 22:01

Instrument :
MSVOA_V
ClientSampleId :
EXZ61

Tgt Ion:106 Resp: 5990
Ion Ratio Lower Upper
106 100
91 233.3 152.5 283.3



#60
Isopropylbenzene
Concen: 1.409 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. 0.003 min
Lab File: VV028424.D
Acq: 07 Oct 2022 22:01

Tgt Ion:105 Resp: 17355
Ion Ratio Lower Upper
105 100
120 26.7 20.5 30.7
77 16.3 12.7 19.1

