

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101823\
 Data File : VV032481.D
 Acq On : 18 Oct 2023 19:10
 Operator : SY/MD
 Sample : 04944-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A49N4

Quant Time: Oct 19 04:35:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 19 04:26:22 2023
 Response via : Initial Calibration

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

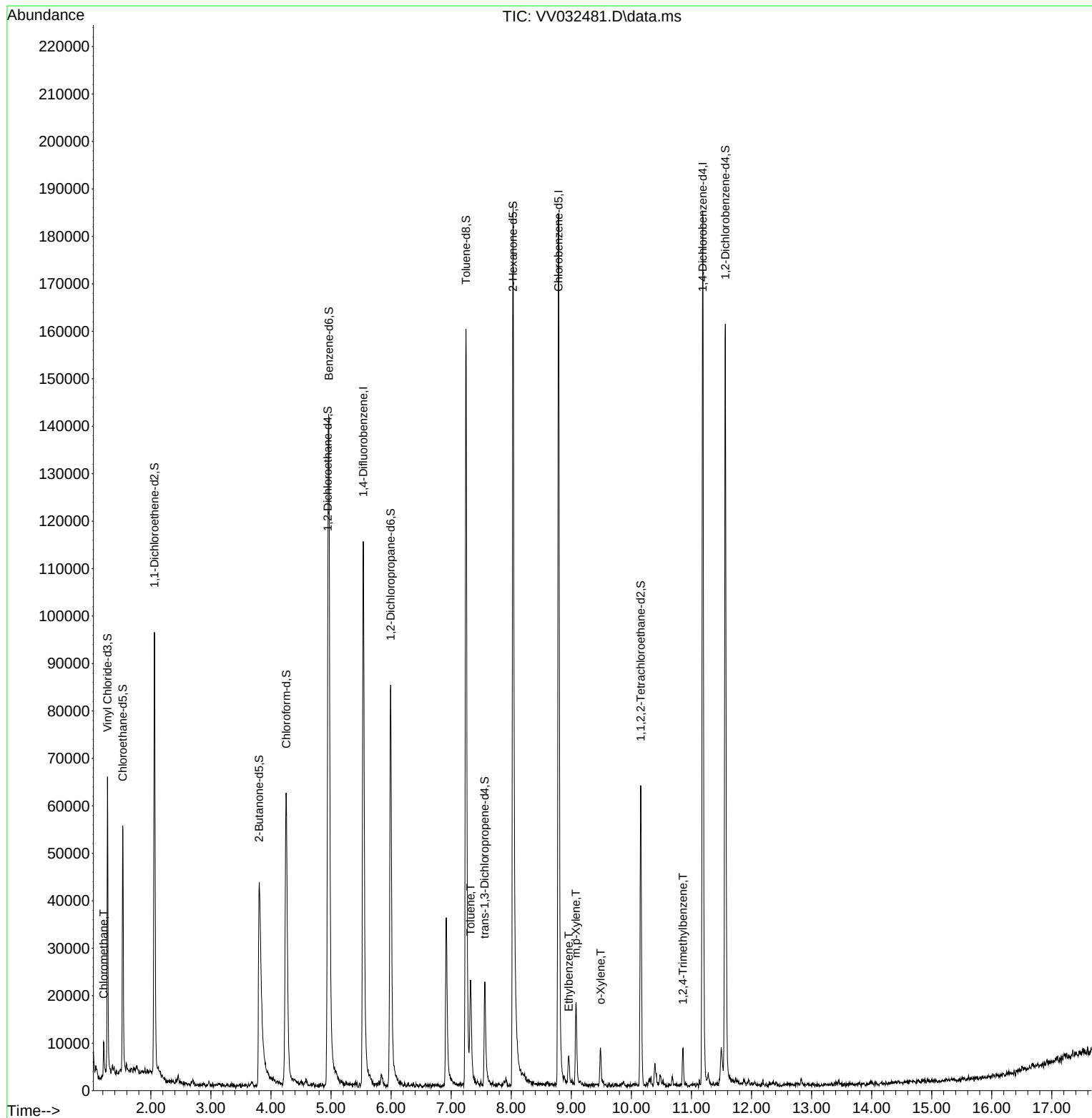
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	99651	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	101820	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	47669	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37557	4.634	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.532	69	33348	5.069	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.060	65	16167	4.730	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.600%
20) 2-Butanone-d5	3.802	46	82035	40.014	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.020%
24) Chloroform-d	4.253	84	66340	4.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.947	65	33505	4.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	4.963	84	129441	4.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	5.992	67	42429	4.274	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.246	98	106588	3.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.558	79	13609	3.869	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.031	63	63478	38.355	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.700%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	31710	4.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	39518	4.467	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	4664	0.417	ug/L	97
42) Toluene	7.323	91	15962	0.418	ug/L	92
52) Ethylbenzene	8.957	91	4657	0.109	ug/L	98
53) m,p-Xylene	9.079	106	4826	0.306	ug/L	89
54) o-Xylene	9.487	106	1984	0.130	ug/L	96
63) 1,2,4-Trimethylbenzene	10.857	105	4161	0.138	ug/L	97

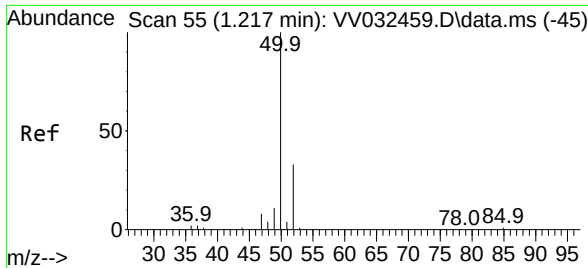
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

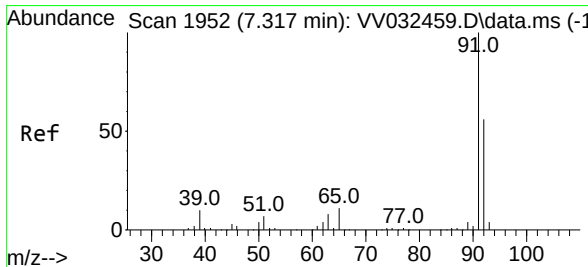
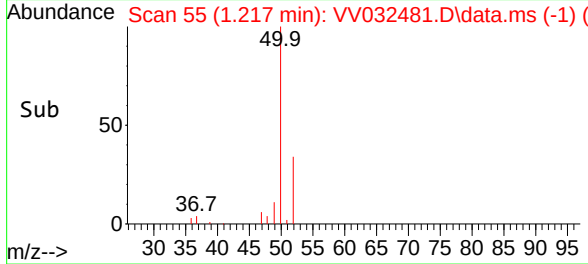
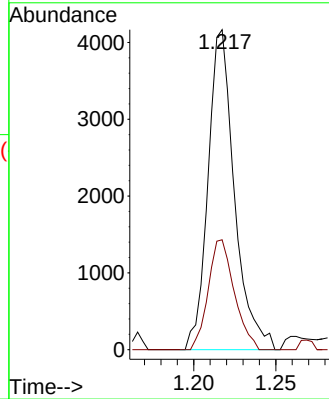
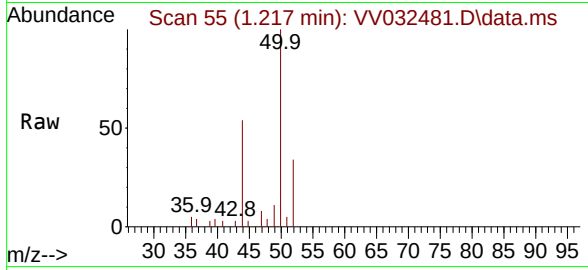




#3
Chloromethane
Concen: 0.417 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV032481.D
Acq: 18 Oct 2023 19:10

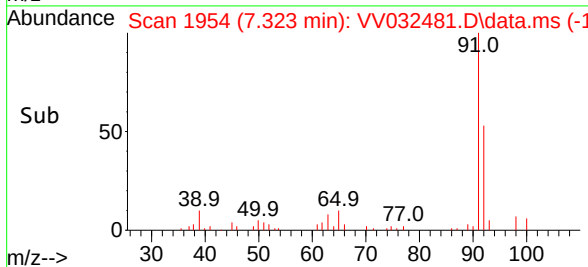
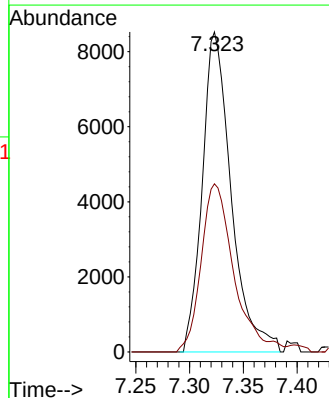
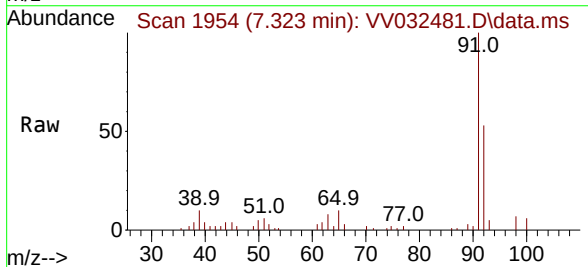
Instrument :
MSVOA_V
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A49N4

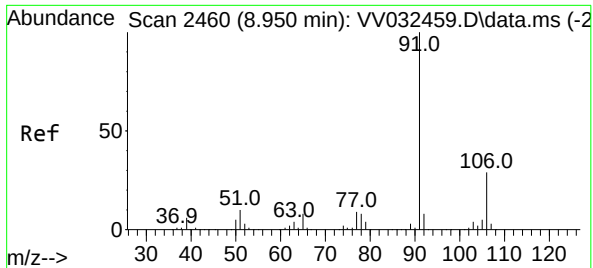
Tgt Ion: 50 Resp: 4664
Ion Ratio Lower Upper
50 100
52 34.3 23.0 42.6



#42
Toluene
Concen: 0.418 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.007 min
Lab File: VV032481.D
Acq: 18 Oct 2023 19:10

Tgt Ion: 91 Resp: 15962
Ion Ratio Lower Upper
91 100
92 52.6 40.8 75.8

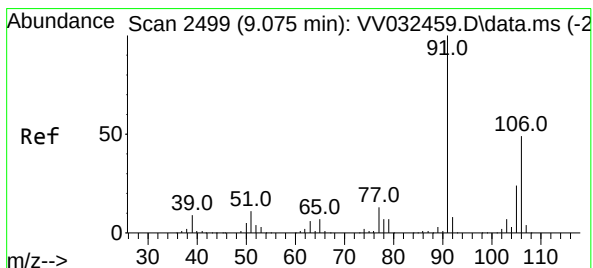
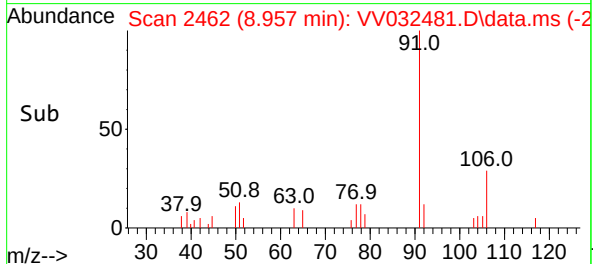
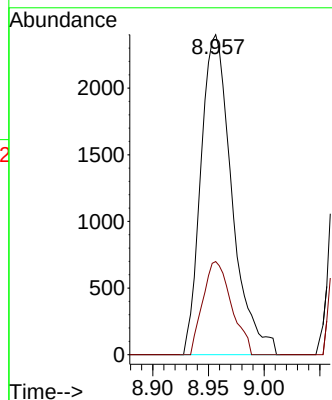
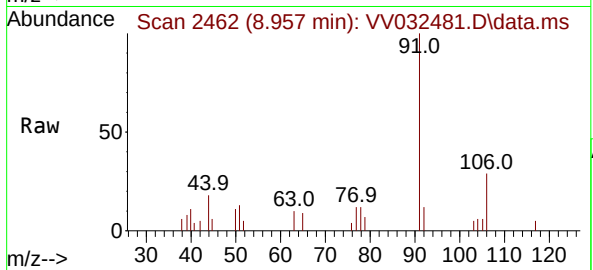




#52
Ethylbenzene
Concen: 0.109 ug/L
RT: 8.957 min Scan# 2460
Delta R.T. 0.007 min
Lab File: VV032481.D
Acq: 18 Oct 2023 19:10

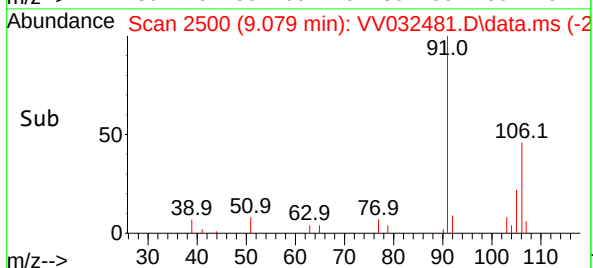
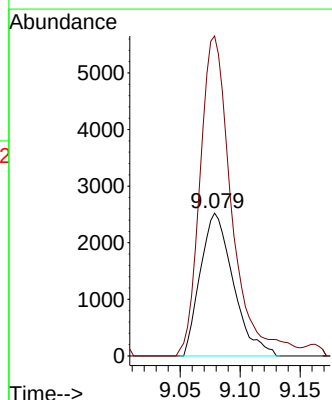
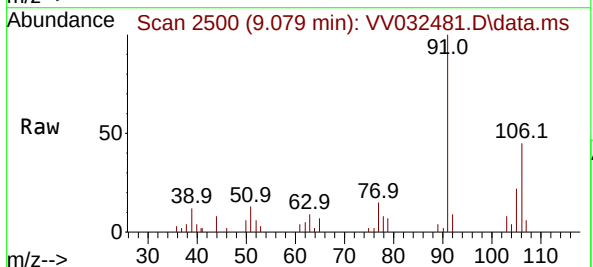
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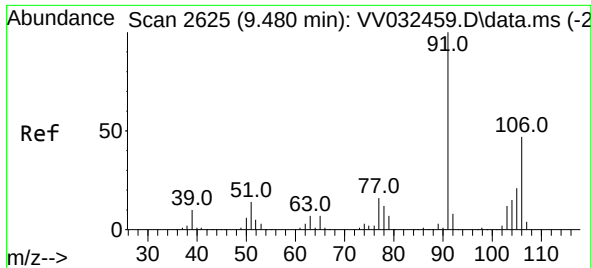
Tgt Ion: 91 Resp: 4657
Ion Ratio Lower Upper
91 100
106 29.1 21.3 39.5



#53
m,p-Xylene
Concen: 0.306 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.003 min
Lab File: VV032481.D
Acq: 18 Oct 2023 19:10

Tgt Ion: 106 Resp: 4826
Ion Ratio Lower Upper
106 100
91 224.1 144.5 268.3

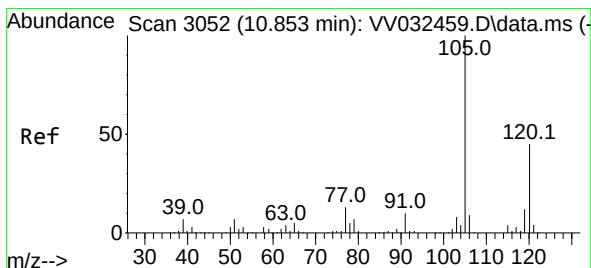
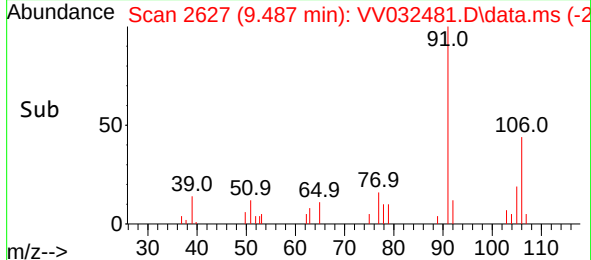
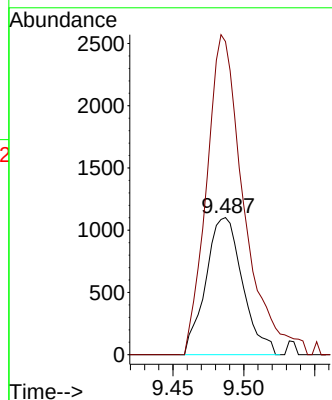
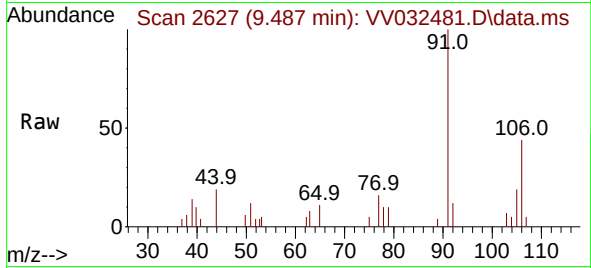




#54
o-Xylene
Concen: 0.130 ug/L
RT: 9.487 min Scan# 20
Delta R.T. 0.007 min
Lab File: VV032481.D
Acq: 18 Oct 2023 19:10

Instrument :
MSVOA_V
ClientSampleId :
A49N4

Tgt Ion:106 Resp: 1984
Ion Ratio Lower Upper
106 100
91 228.3 154.8 287.4



#63
1,2,4-Trimethylbenzene
Concen: 0.138 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.003 min
Lab File: VV032481.D
Acq: 18 Oct 2023 19:10

Tgt Ion:105 Resp: 4161
Ion Ratio Lower Upper
105 100
120 43.2 36.2 54.4

