

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
 Data File : VV032693.D
 Acq On : 27 Oct 2023 18:56
 Operator : SY/MD
 Sample : 05055-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A48Z9

Quant Time: Oct 28 00:27:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 28 00:17:24 2023
 Response via : Initial Calibration

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

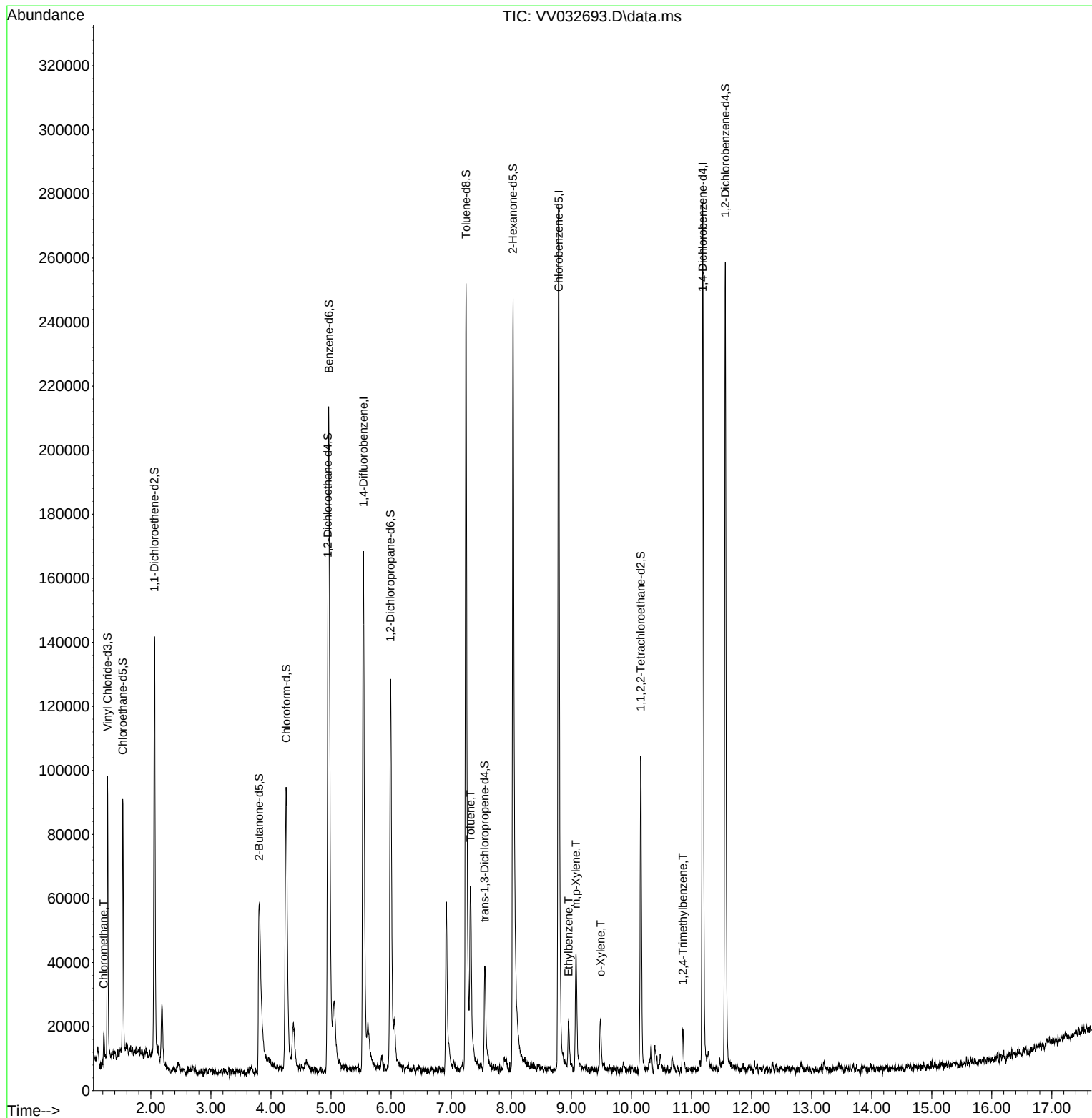
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	140178	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	159154	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	70359	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	55266	4.801	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.532	69	51798	5.294	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.059	65	21980	4.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	3.802	46	101052	40.647	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.300%
24) Chloroform-d	4.252	84	93795	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	4.947	65	48911	5.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	4.963	84	189852	5.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	5.989	67	58690	5.349	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.246	98	175945	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.558	79	22402	4.627	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.030	63	83858	43.702	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.400%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	45835	4.697	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	64486	5.613	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.200%
Target Compounds						
3) Chloromethane	1.217	50	7214	0.425	ug/L	96
42) Toluene	7.323	91	44282	0.760	ug/L	92
52) Ethylbenzene	8.953	91	10581	0.173	ug/L	91
53) m,p-Xylene	9.079	106	10894	0.470	ug/L	83
54) o-Xylene	9.487	106	4378	0.195	ug/L	96
63) 1,2,4-Trimethylbenzene	10.857	105	6909	0.179	ug/L	99

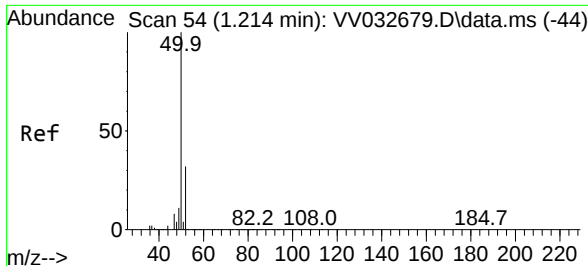
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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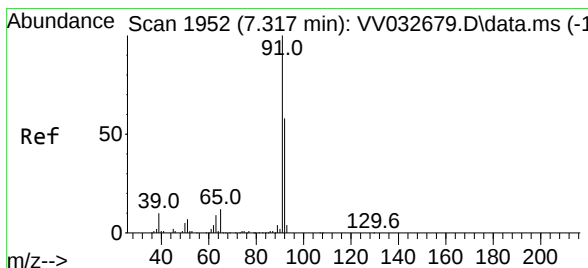
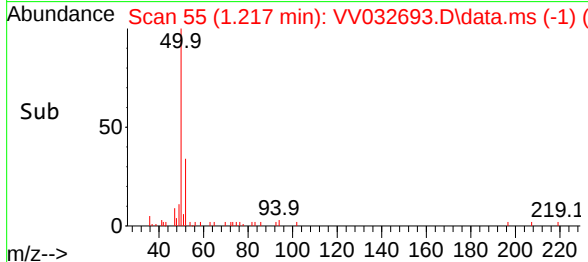
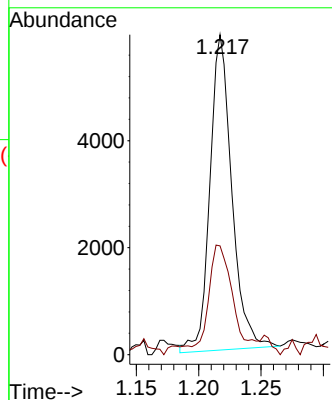
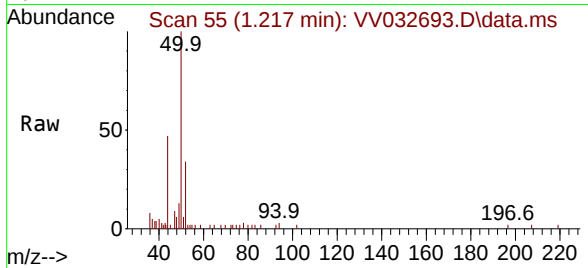




#3
Chloromethane
Concen: 0.425 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV032693.D
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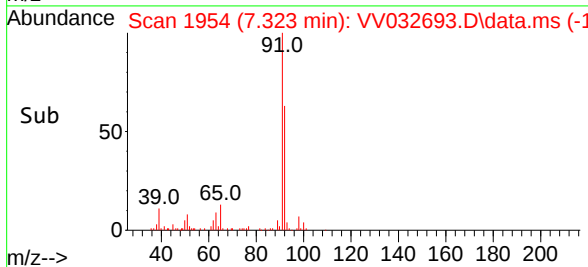
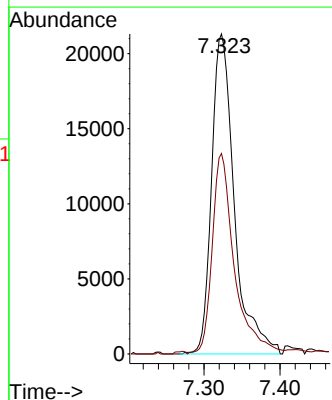
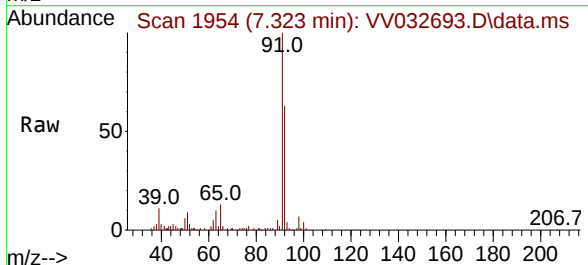
Instrument :
MSVOA_V
ClientSampleId :
A48Z9

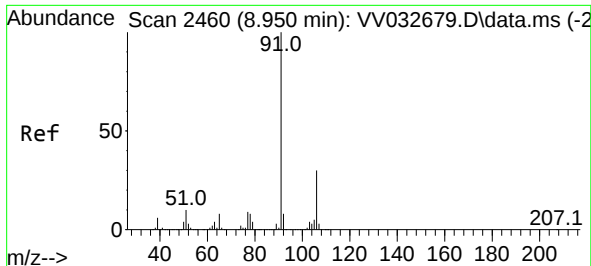
Tgt Ion: 50 Resp: 7214
Ion Ratio Lower Upper
50 100
52 34.0 22.3 41.5



#42
Toluene
Concen: 0.760 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VV032693.D
Acq: 27 Oct 2023 18:56

Tgt Ion: 91 Resp: 44282
Ion Ratio Lower Upper
91 100
92 62.7 39.9 74.1

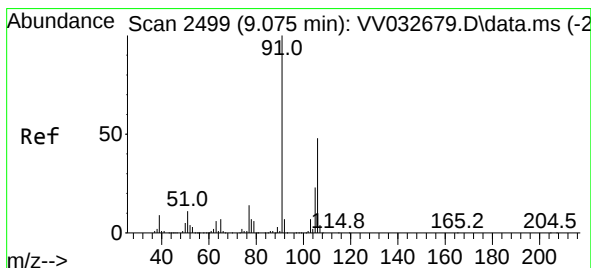
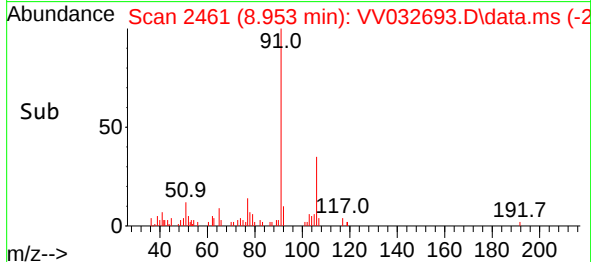
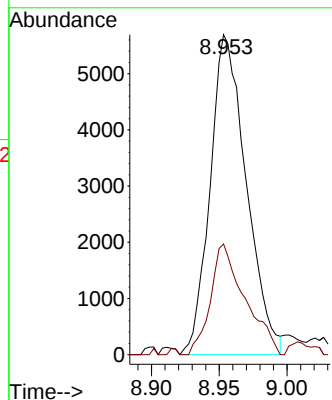
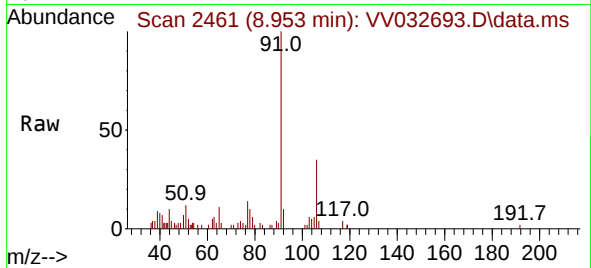




#52
Ethylbenzene
Concen: 0.173 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.003 min
Lab File: VV032693.D
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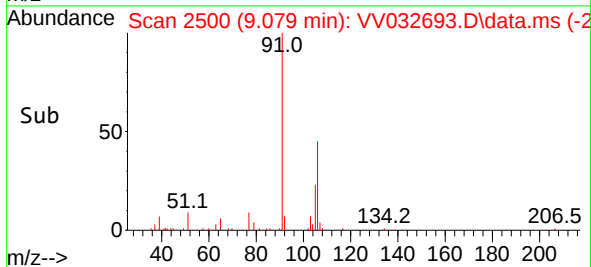
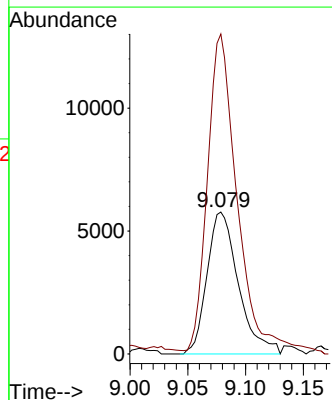
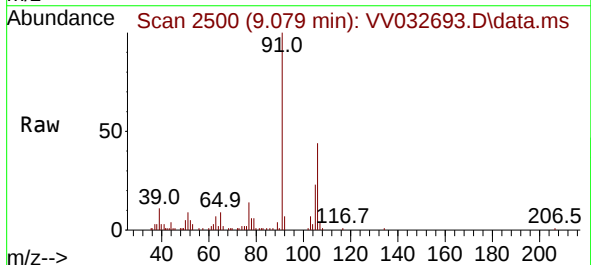
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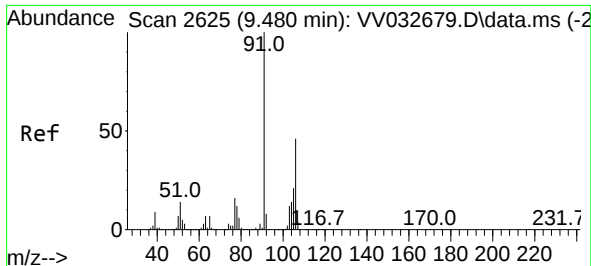
Tgt Ion: 91 Resp: 10581
Ion Ratio Lower Upper
91 100
106 34.6 20.9 38.9



#53
m,p-Xylene
Concen: 0.470 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.003 min
Lab File: VV032693.D
Acq: 27 Oct 2023 18:56

Tgt Ion: 106 Resp: 10894
Ion Ratio Lower Upper
106 100
91 225.4 139.3 258.7

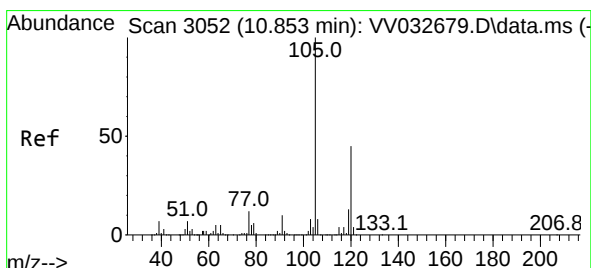
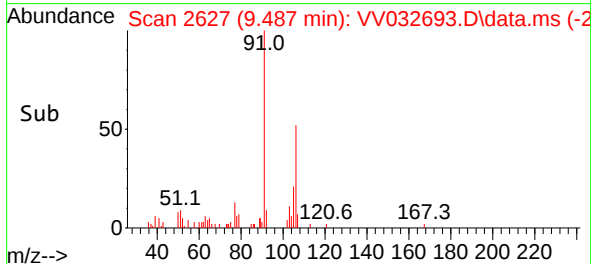
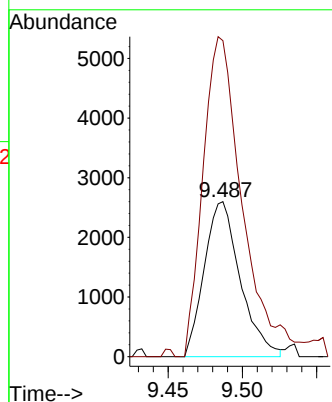
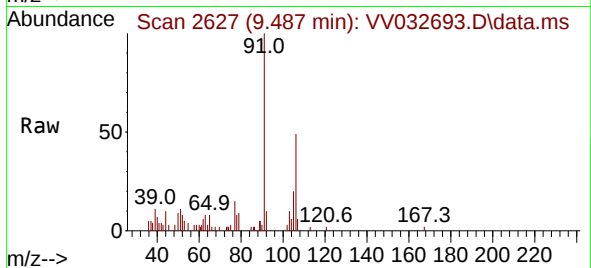




#54
o-Xylene
Concen: 0.195 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.006 min
Lab File: VV032693.D
Acq: 27 Oct 2023 18:56

Instrument :
MSVOA_V
ClientSampleId :
A48Z9

Tgt Ion:106 Resp: 4378
Ion Ratio Lower Upper
106 100
91 203.8 147.4 273.8



#63
1,2,4-Trimethylbenzene
Concen: 0.179 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.003 min
Lab File: VV032693.D
Acq: 27 Oct 2023 18:56

Tgt Ion:105 Resp: 6909
Ion Ratio Lower Upper
105 100
120 45.3 36.9 55.3

