

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055932.D
 Acq On : 27 Oct 2023 18:44
 Operator : MD/SY
 Sample : 04995-09RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4949RE

Quant Time: Oct 27 23:56:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

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

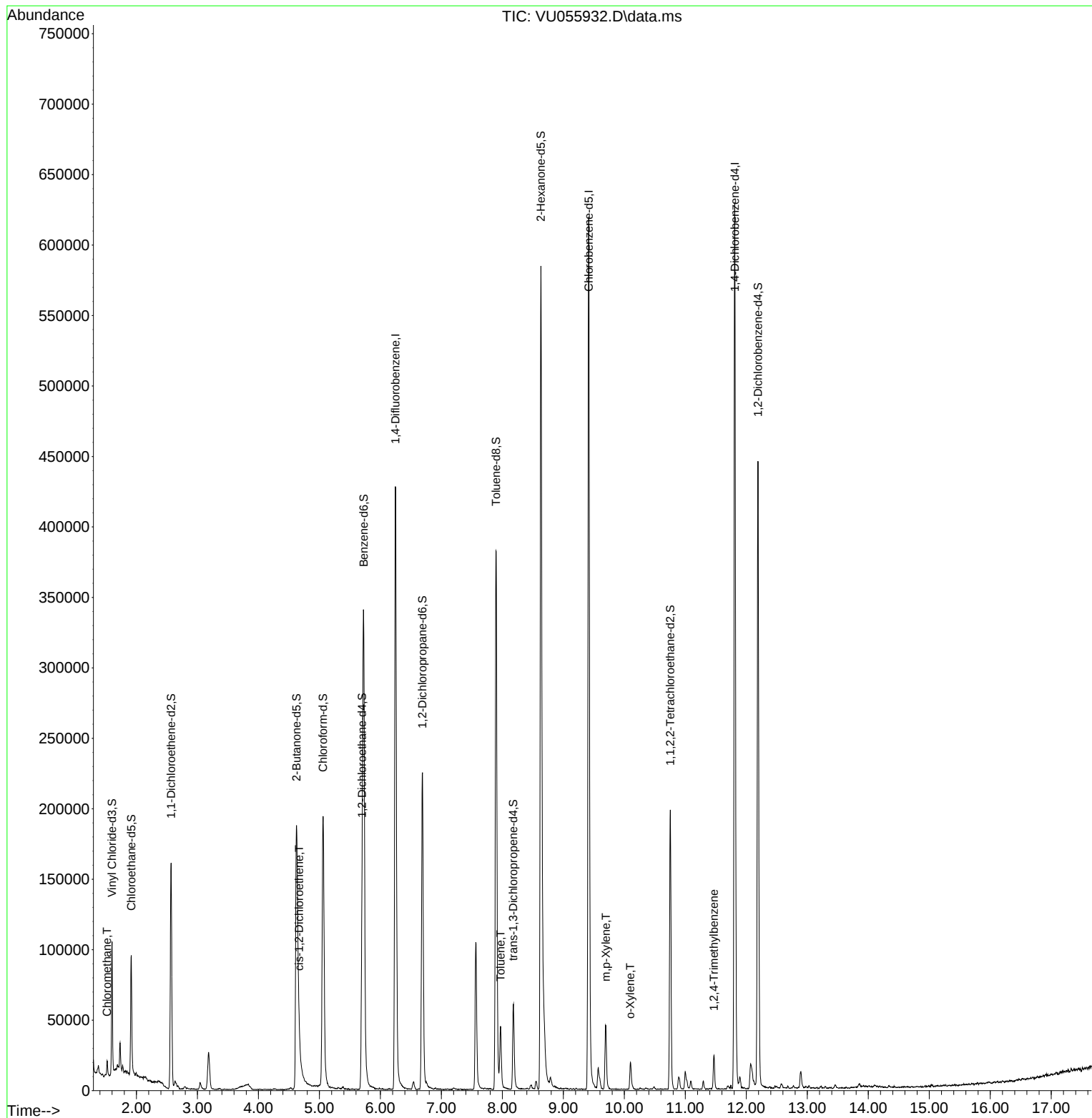
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	368059	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	364751	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	173710	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	66154	2.272	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	45.400%
7) Chloroethane-d5	1.914	69	66729	2.940	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	58.800%#
11) 1,1-Dichloroethene-d2	2.567	65	30708	2.484	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.600%#
20) 2-Butanone-d5	4.624	46	264801	50.981	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.960%
24) Chloroform-d	5.058	84	186763	3.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.200%#
26) 1,2-Dichloroethane-d4	5.698	65	92514	3.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
32) Benzene-d6	5.724	84	336814	3.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.000%#
36) 1,2-Dichloropropane-d6	6.689	67	114447	3.553	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.000%
41) Toluene-d8	7.894	98	276124	2.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.000%#
43) trans-1,3-Dichloroprop...	8.177	79	38063	3.022	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.400%
46) 2-Hexanone-d5	8.631	63	216395	67.670	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.340%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	103849	4.427	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	118987	3.671	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.400%#
Target Compounds						Qvalue
3) Chloromethane	1.518	50	6231	0.311	ug/L	99
22) cis-1,2-Dichloroethene	4.666	96	2952	0.138	ug/L	90
42) Toluene	7.968	91	33284	0.396	ug/L	93
53) m,p-Xylene	9.695	106	14513	0.407	ug/L	81
54) o-Xylene	10.097	106	5399	0.155	ug/L	96
63) 1,2,4-Trimethylbenzene	11.470	105	14646	0.223	ug/L	94

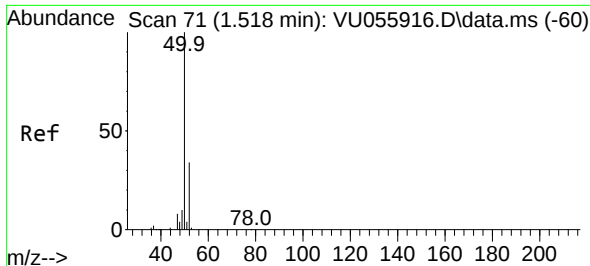
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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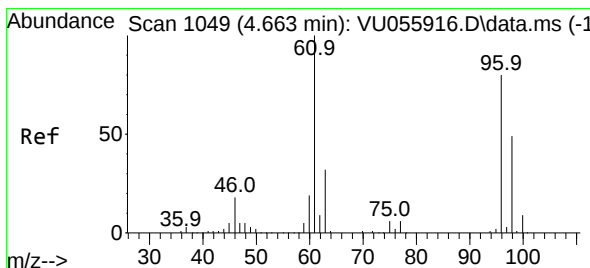
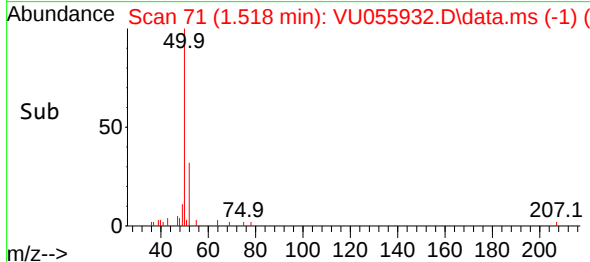
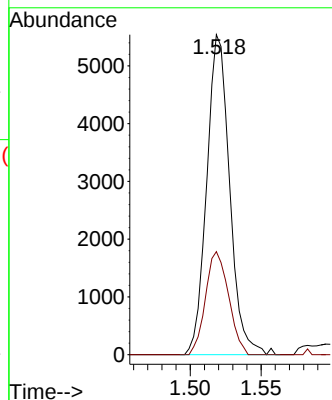
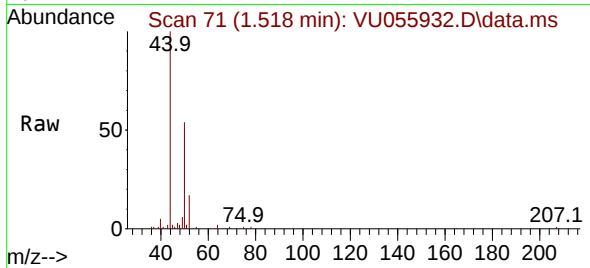




#3
Chloromethane
Concen: 0.311 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055932.D
Acq: 27 Oct 2023 18:44

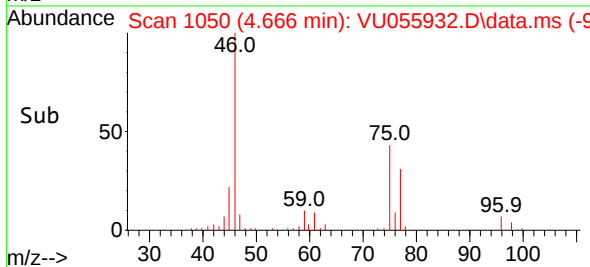
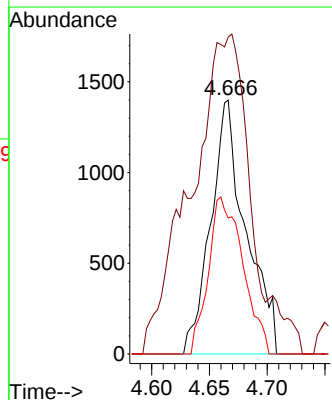
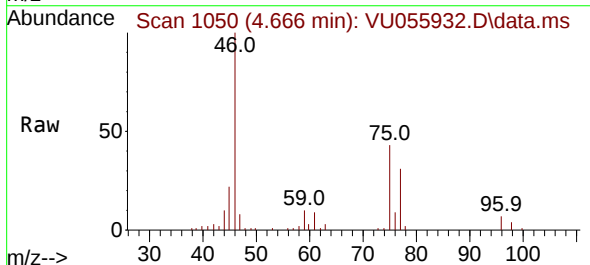
Instrument :
MSVOA_U
ClientSampleId :
A4949RE

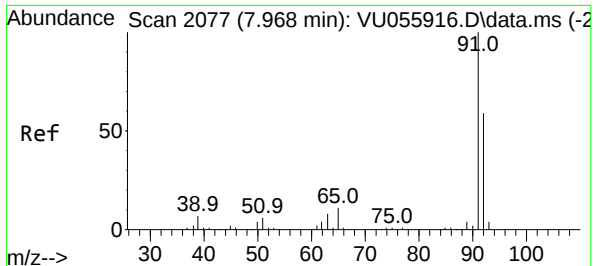
Tgt Ion: 50 Resp: 6231
Ion Ratio Lower Upper
50 100
52 32.2 22.0 40.8



#22
cis-1,2-Dichloroethene
Concen: 0.138 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055932.D
Acq: 27 Oct 2023 18:44

Tgt Ion: 96 Resp: 2952
Ion Ratio Lower Upper
96 100
61 124.7 93.8 174.2
98 53.6 45.6 84.8





#42

Toluene

Concen: 0.396 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU055932.D

Acq: 27 Oct 2023 18:44

Instrument :

MSVOA_U

ClientSampleId :

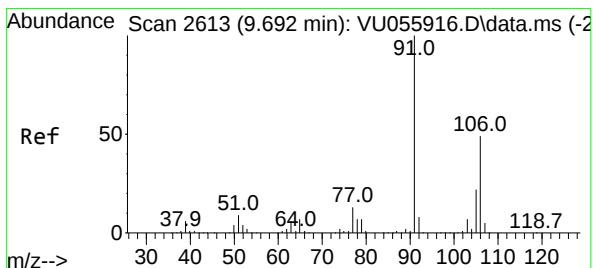
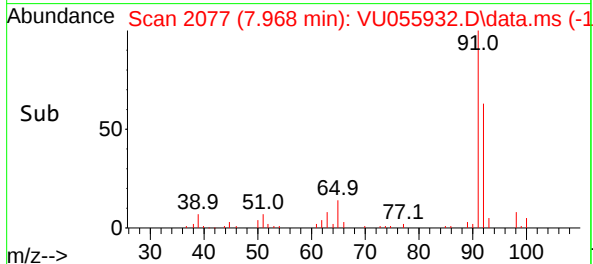
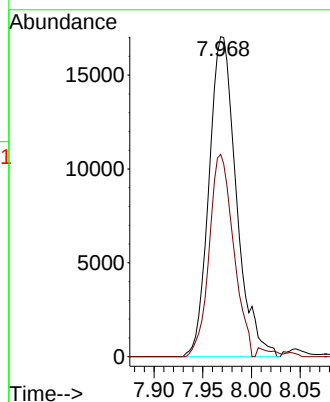
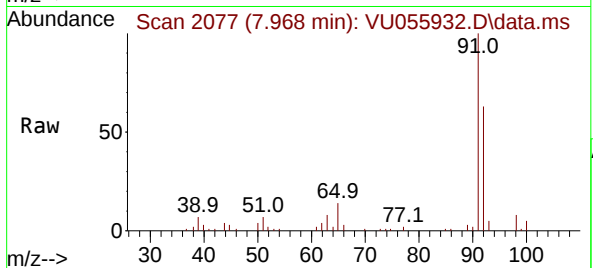
A4949RE

Tgt Ion: 91 Resp: 33284

Ion Ratio Lower Upper

91 100

92 63.3 40.6 75.4



#53

m,p-Xylene

Concen: 0.407 ug/L

RT: 9.695 min Scan# 2614

Delta R.T. 0.003 min

Lab File: VU055932.D

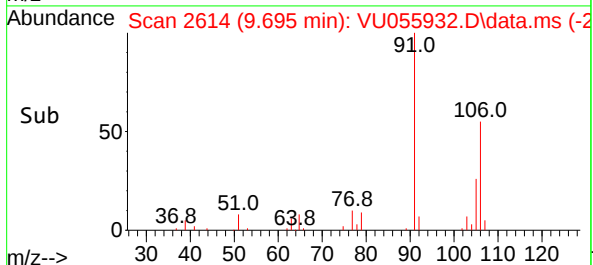
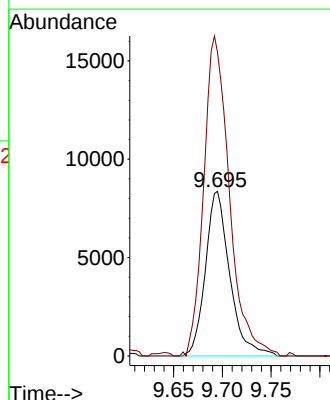
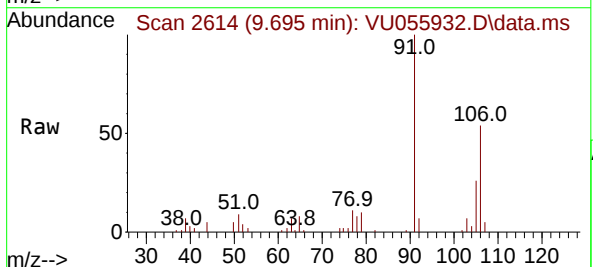
Acq: 27 Oct 2023 18:44

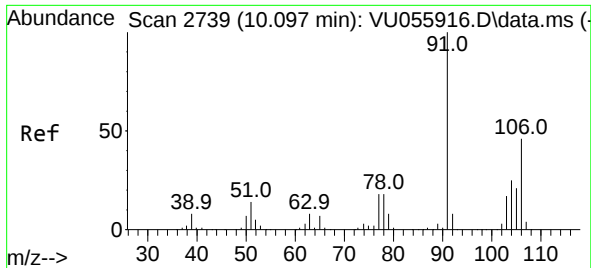
Tgt Ion: 106 Resp: 14513

Ion Ratio Lower Upper

106 100

91 184.5 150.4 279.2

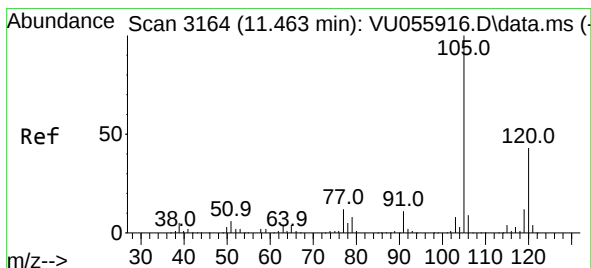
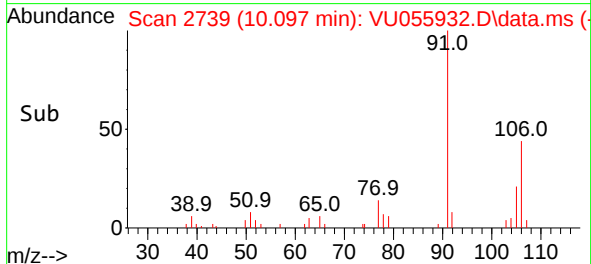
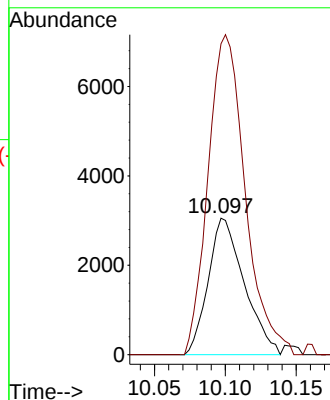
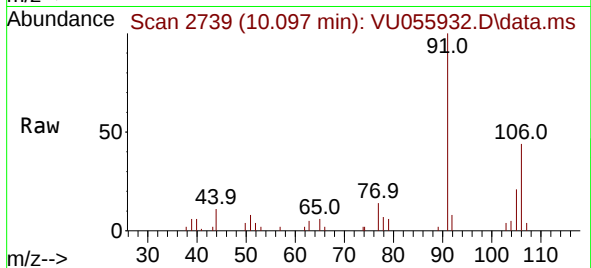




#54
o-Xylene
Concen: 0.155 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055932.D
Acq: 27 Oct 2023 18:44

Instrument :
MSVOA_U
ClientSampleId :
A4949RE

Tgt Ion:106 Resp: 5399
Ion Ratio Lower Upper
106 100
91 227.8 154.6 287.2



#63
1,2,4-Trimethylbenzene
Concen: 0.223 ug/L
RT: 11.470 min Scan# 3166
Delta R.T. 0.006 min
Lab File: VU055932.D
Acq: 27 Oct 2023 18:44

Tgt Ion:105 Resp: 14646
Ion Ratio Lower Upper
105 100
120 39.6 34.6 52.0

