

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055956.D
 Acq On : 28 Oct 2023 05:43
 Operator : MD/SY
 Sample : 05103-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A49Y5

Quant Time: Oct 28 07:41:44 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)

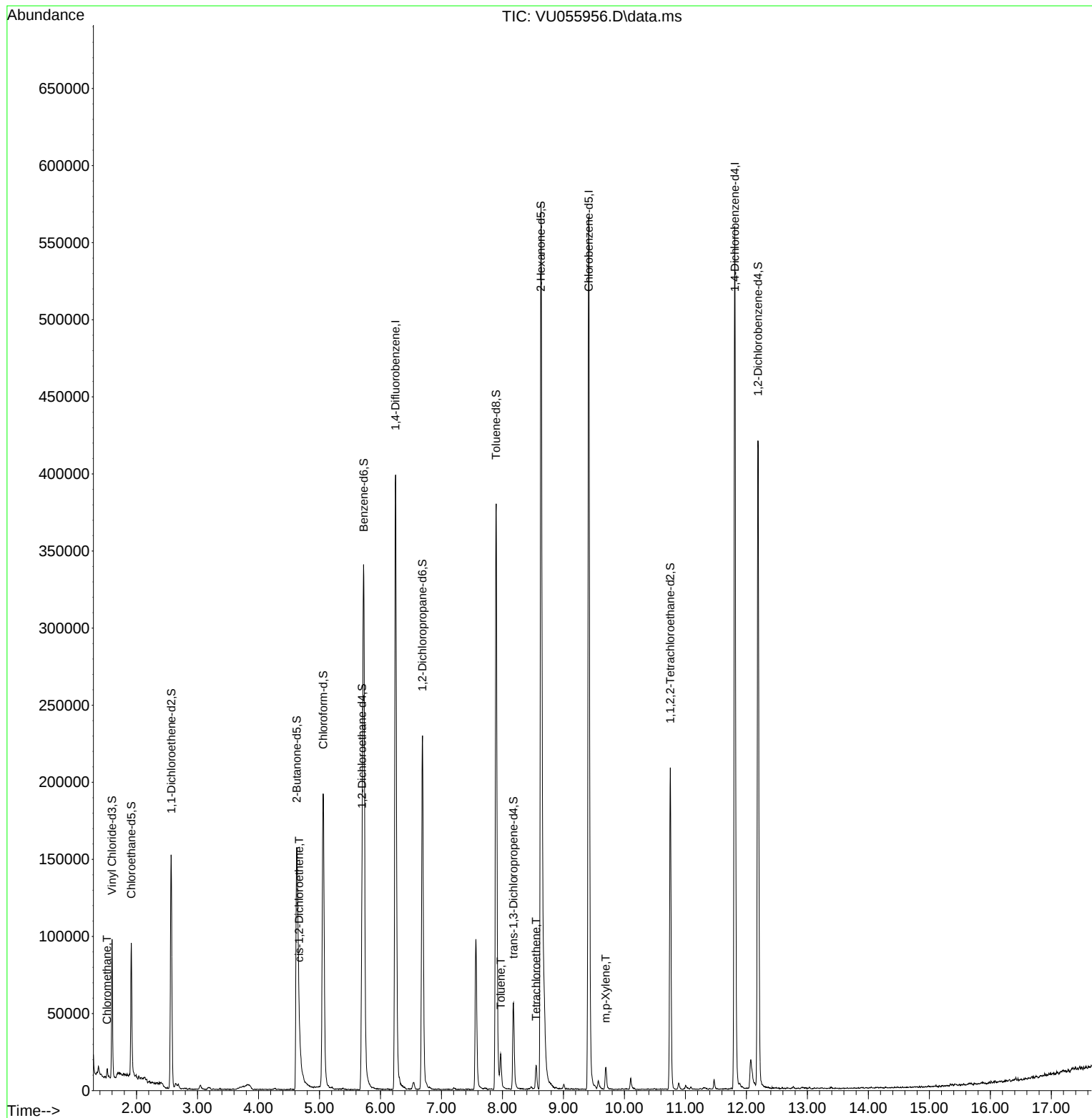
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	346576	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	346041	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	159623	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	64969	2.370	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	47.400%
7) Chloroethane-d5	1.914	69	64107	3.000	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.000%#
11) 1,1-Dichloroethene-d2	2.570	65	29666	2.549	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.000%#
20) 2-Butanone-d5	4.627	46	278447	56.931	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.860%
24) Chloroform-d	5.061	84	187955	3.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
26) 1,2-Dichloroethane-d4	5.698	65	94971	3.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
32) Benzene-d6	5.727	84	340202	3.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.000%#
36) 1,2-Dichloropropane-d6	6.688	67	117845	3.857	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.200%
41) Toluene-d8	7.897	98	272275	2.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.200%#
43) trans-1,3-Dichloroprop...	8.180	79	36853	3.084	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.600%
46) 2-Hexanone-d5	8.630	63	207969	68.551	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.100%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	106371	4.780	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	118125	3.966	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.400%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	3546	0.188	ug/L	99
22) cis-1,2-Dichloroethene	4.666	96	2095	0.104	ug/L	86
42) Toluene	7.971	91	15666	0.196	ug/L	97
47) Tetrachloroethene	8.553	164	3458	0.231	ug/L	92
53) m,p-Xylene	9.695	106	4911	0.145	ug/L	77

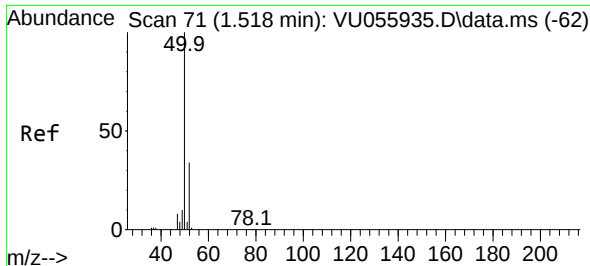
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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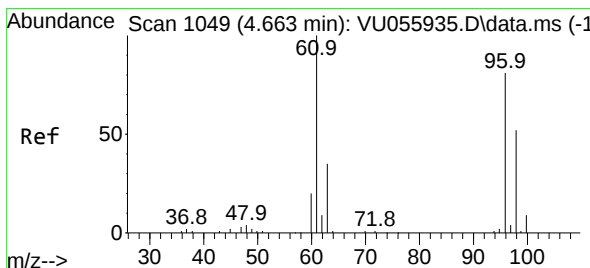
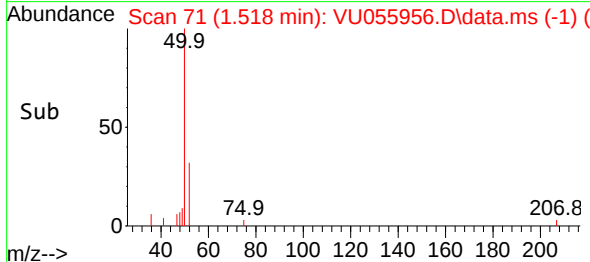
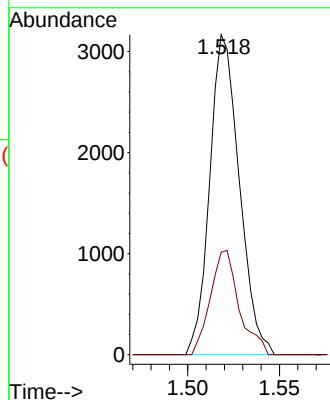
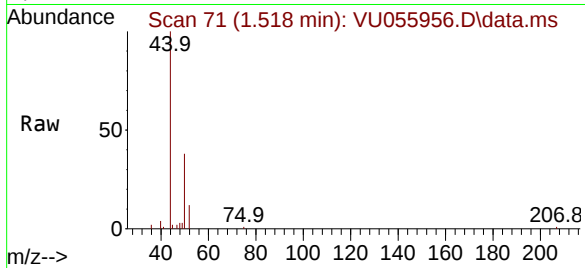




#3
Chloromethane
Concen: 0.188 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055956.D
Acq: 28 Oct 2023 05:43

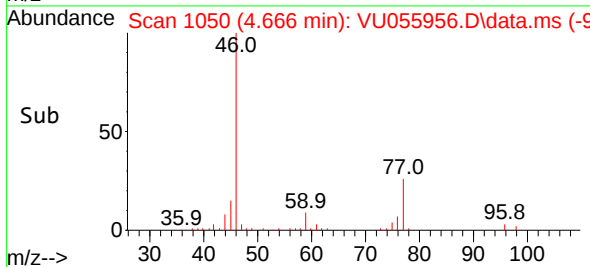
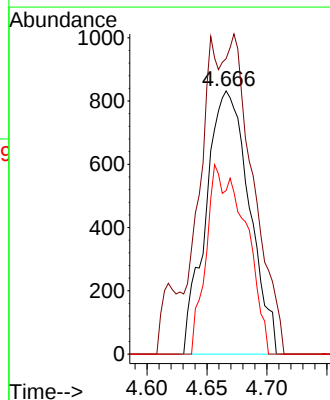
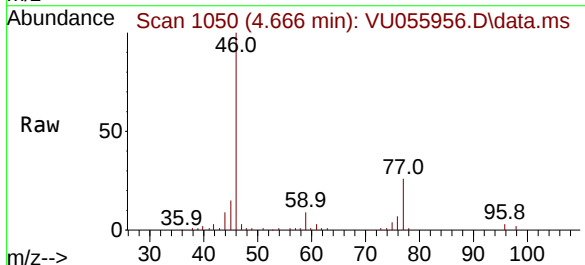
Instrument :
MSVOA_U
ClientSampleId :
A49Y5

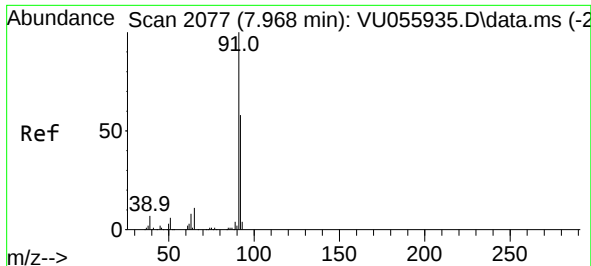
Tgt Ion: 50 Resp: 3546
Ion Ratio Lower Upper
50 100
52 32.0 22.0 40.8



#22
cis-1,2-Dichloroethene
Concen: 0.104 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055956.D
Acq: 28 Oct 2023 05:43

Tgt Ion: 96 Resp: 2095
Ion Ratio Lower Upper
96 100
61 112.3 93.8 174.2
98 62.1 45.6 84.8





#42

Toluene

Concen: 0.196 ug/L

RT: 7.971 min Scan# 2077

Delta R.T. 0.006 min

Lab File: VU055956.D

Acq: 28 Oct 2023 05:43

Instrument :

MSVOA_U

ClientSampleId :

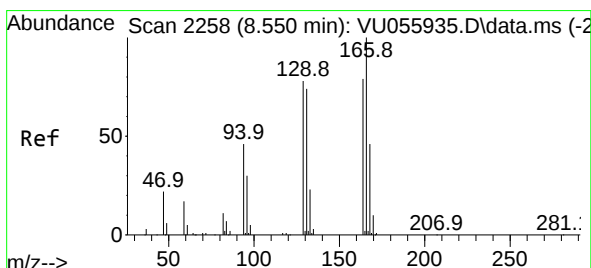
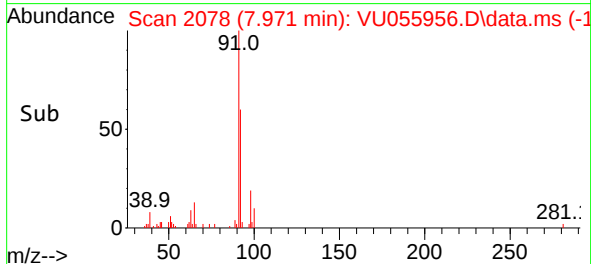
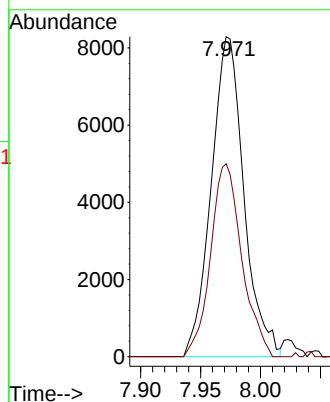
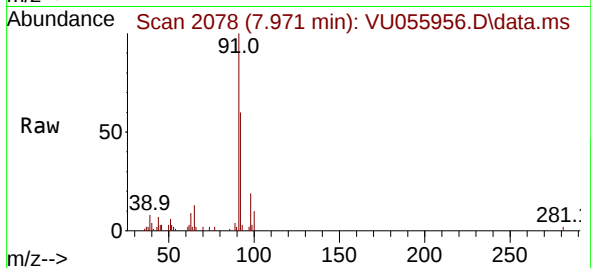
A49Y5

Tgt Ion: 91 Resp: 15666

Ion Ratio Lower Upper

91 100

92 60.3 40.6 75.4



#47

Tetrachloroethene

Concen: 0.231 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.003 min

Lab File: VU055956.D

Acq: 28 Oct 2023 05:43

Tgt Ion: 164 Resp: 3458

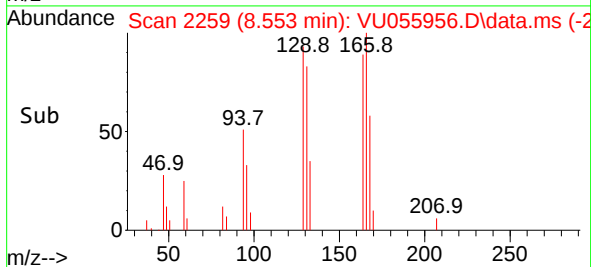
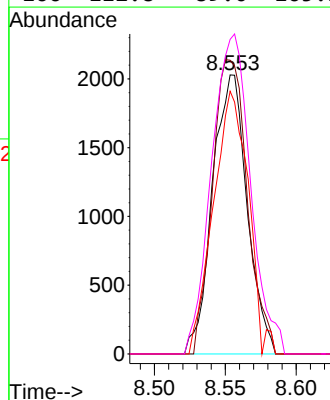
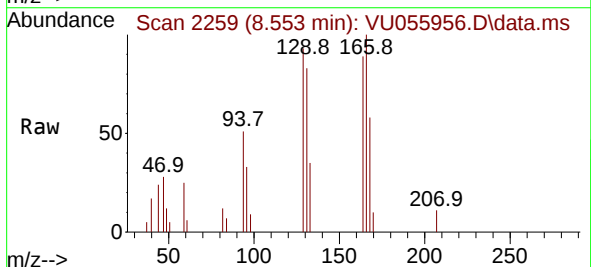
Ion Ratio Lower Upper

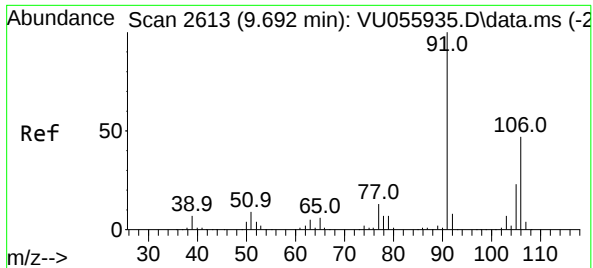
164 100

129 105.3 72.2 134.0

131 94.1 70.8 131.6

166 112.8 89.0 165.2





#53
 m,p-Xylene
 Concen: 0.145 ug/L
 RT: 9.695 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU055956.D
 Acq: 28 Oct 2023 05:43

Instrument :
 MSVOA_U
 ClientSampleId :
 A49Y5

Tgt Ion:106 Resp: 4911
 Ion Ratio Lower Upper
 106 100
 91 178.4 150.4 279.2

