

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055926.D
 Acq On : 27 Oct 2023 16:18
 Operator : MD/SY
 Sample : 05009-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 27 23:55:58 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)

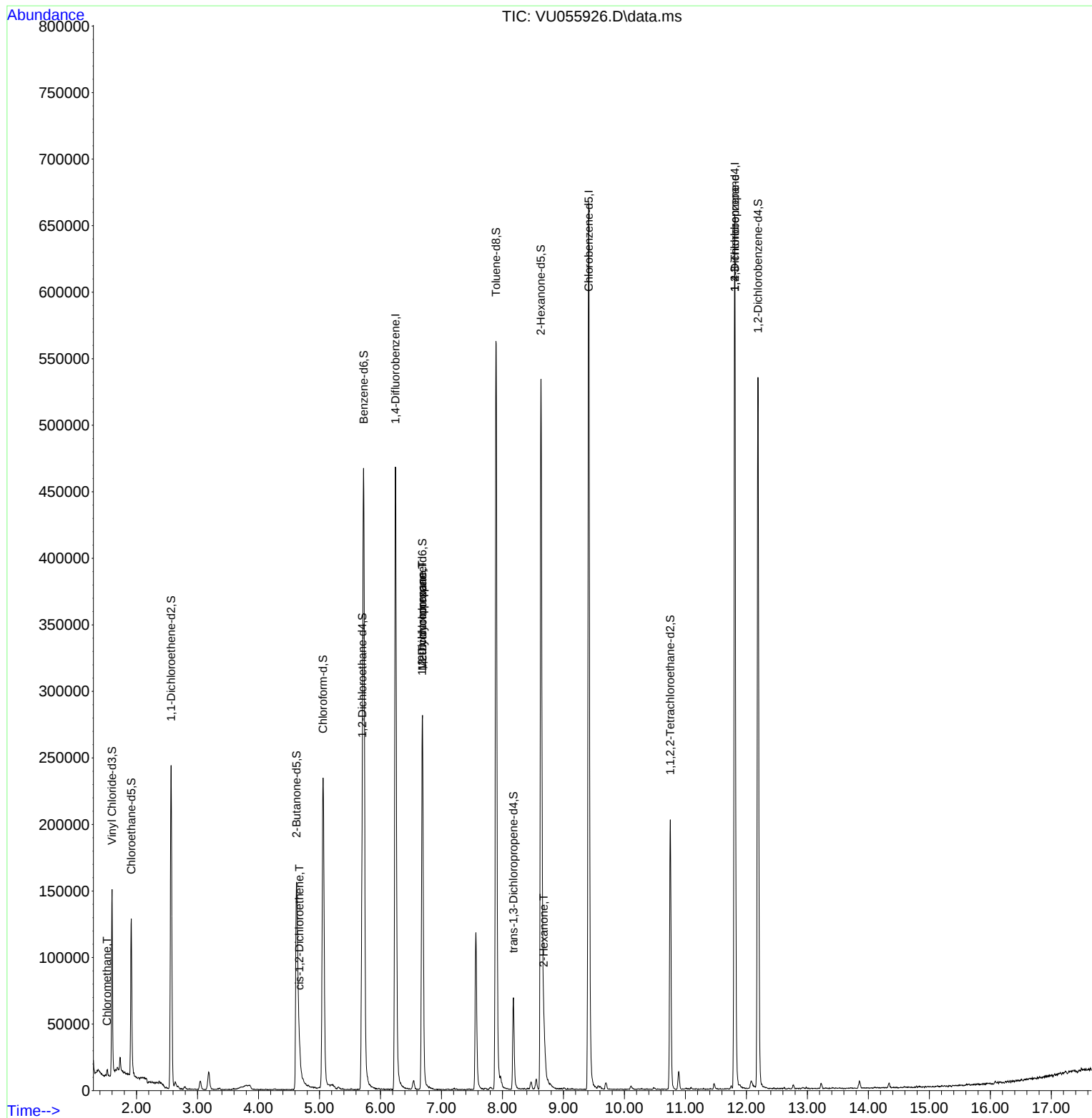
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	403374	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	394790	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	185014	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	98969	3.102	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.000%
7) Chloroethane-d5	1.914	69	90473	3.637	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.566	65	46002	3.396	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	4.624	46	233024	40.935	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.880%
24) Chloroform-d	5.058	84	233443	3.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
26) 1,2-Dichloroethane-d4	5.701	65	109437	3.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
32) Benzene-d6	5.724	84	467781	3.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.688	67	145329	4.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.894	98	404697	3.794	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	8.180	79	42853	3.143	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.800%
46) 2-Hexanone-d5	8.631	63	193348	55.862	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.720%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	104336	4.110	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	147659	4.278	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	3239	0.148	ug/L	97
22) cis-1,2-Dichloroethene	4.669	96	4001	0.170	ug/L	84
35) Methylcyclohexane	6.688	83	33505	1.019	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	14519	0.628	ug/L #	89
48) 2-Hexanone	8.679	43	13347	1.522	ug/L #	75
61) 1,2,3-Trichloropropane	11.810	75	21709	1.709	ug/L #	67

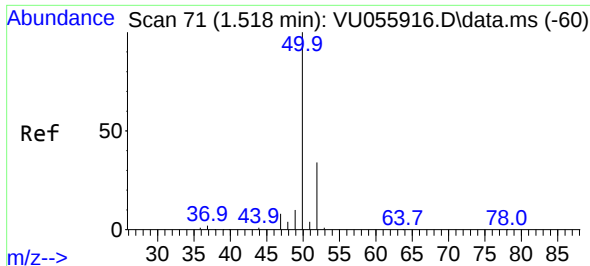
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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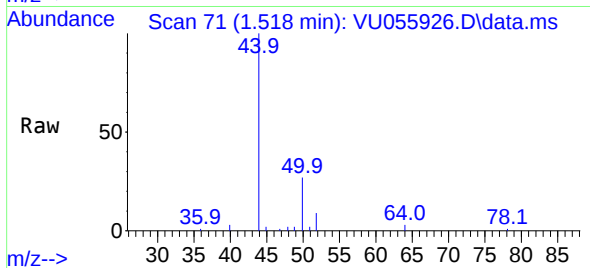


#3
Chloromethane
Concen: 0.148 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055926.D
Acq: 27 Oct 2023 16:18

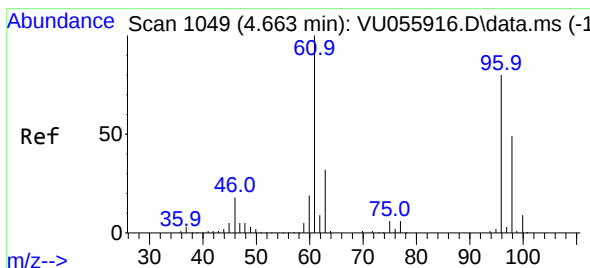
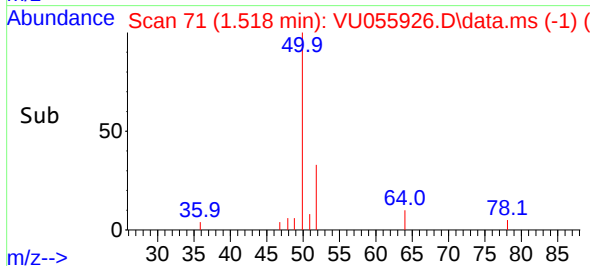
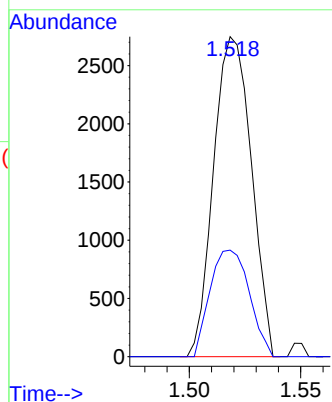
Instrument :

MSVOA_U

ClientSampleId :

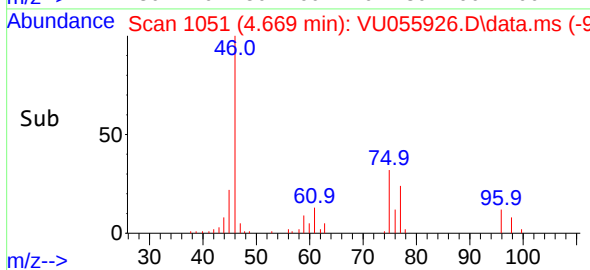
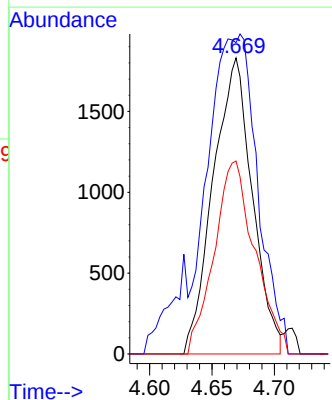
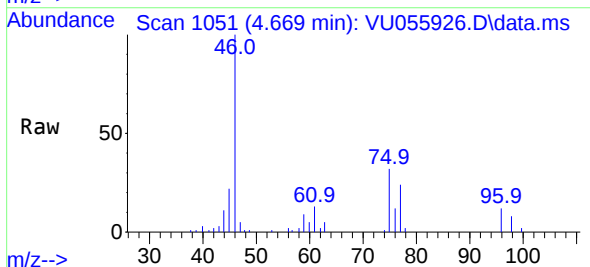


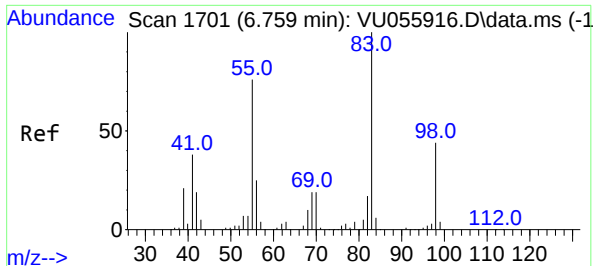
Tgt Ion: 50 Resp: 3239
Ion Ratio Lower Upper
50 100
52 33.3 22.0 40.8



#22
cis-1,2-Dichloroethene
Concen: 0.170 ug/L
RT: 4.669 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VU055926.D
Acq: 27 Oct 2023 16:18

Tgt Ion: 96 Resp: 4001
Ion Ratio Lower Upper
96 100
61 105.2 93.8 174.2
98 65.2 45.6 84.8

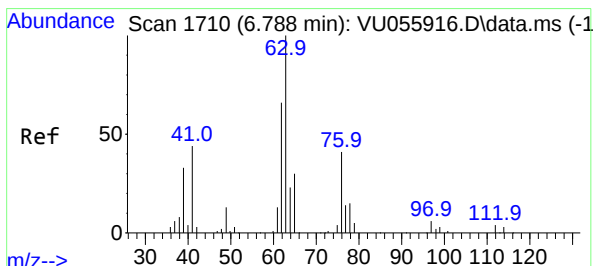
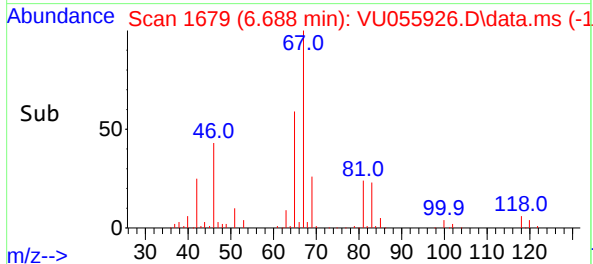
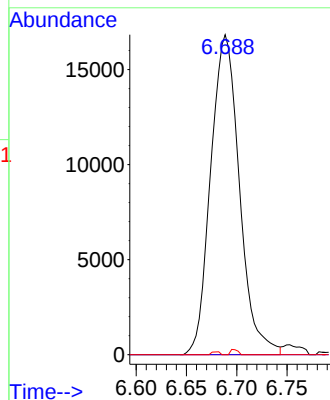
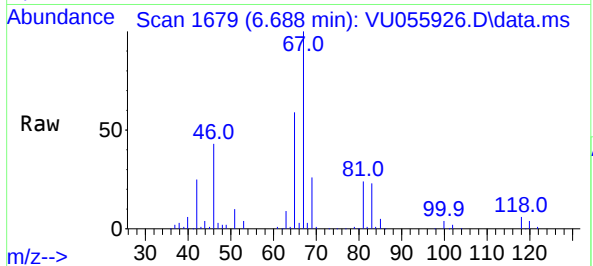




#35
Methylcyclohexane
Concen: 1.019 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055926.D
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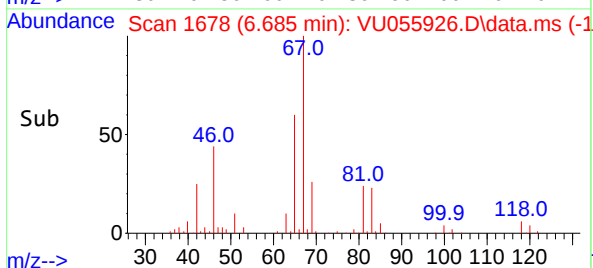
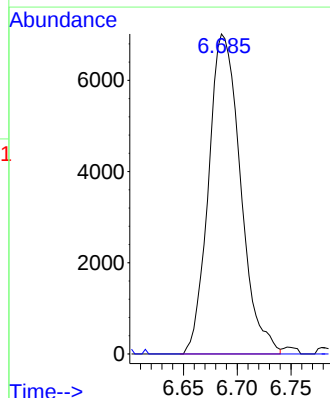
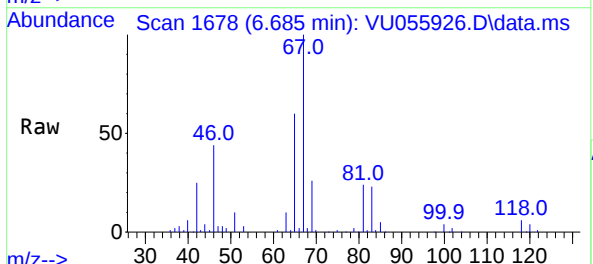
Instrument :
MSVOA_U
ClientSampleId :

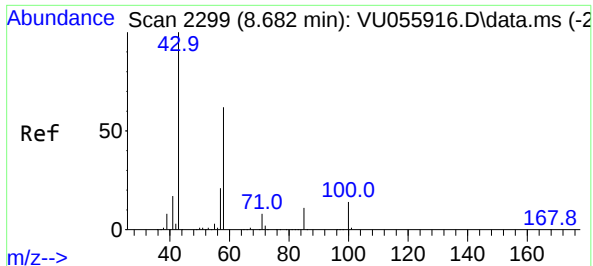
Tgt Ion: 83 Resp: 33505
Ion Ratio Lower Upper
83 100
55 0.0 62.4 93.6#
98 0.4 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.628 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU055926.D
Acq: 27 Oct 2023 16:18

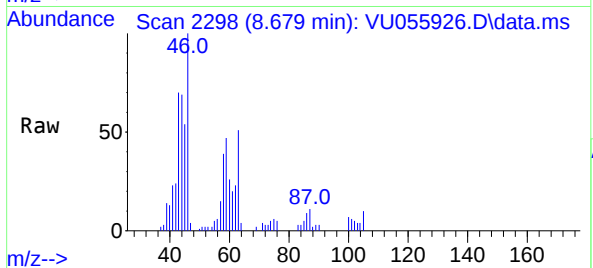
Tgt Ion: 63 Resp: 14519
Ion Ratio Lower Upper
63 100
112 0.1 3.1 4.7#



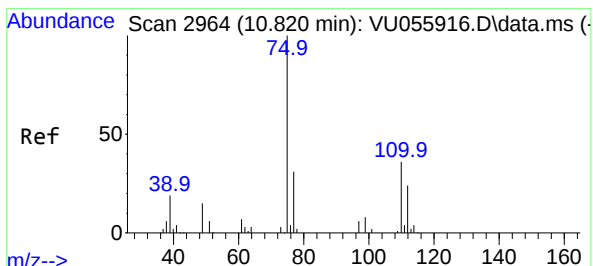
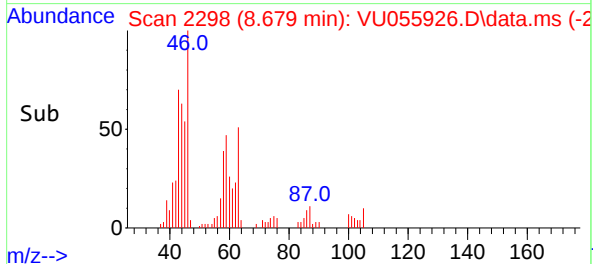
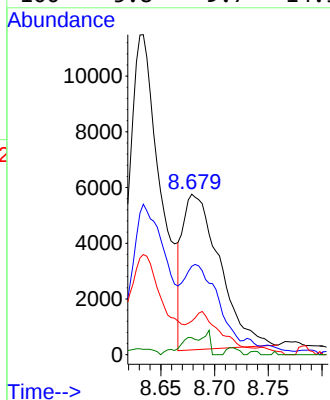


#48
2-Hexanone
Concen: 1.522 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055926.D
Acq: 27 Oct 2023 16:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 13347
Ion Ratio Lower Upper
43 100
58 46.0 49.5 74.3#
57 0.0 16.9 25.3#
100 5.8 9.7 14.5#



#61
1,2,3-Trichloropropane
Concen: 1.709 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.993 min
Lab File: VU055926.D
Acq: 27 Oct 2023 16:18

Tgt Ion: 75 Resp: 21709
Ion Ratio Lower Upper
75 100
110 1.5 29.0 43.6#
77 32.4 24.5 36.7

