

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU055009.D
 Acq On : 30 Aug 2023 20:35
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 02:40:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 31 02:34:15 2023
 Response via : Initial Calibration

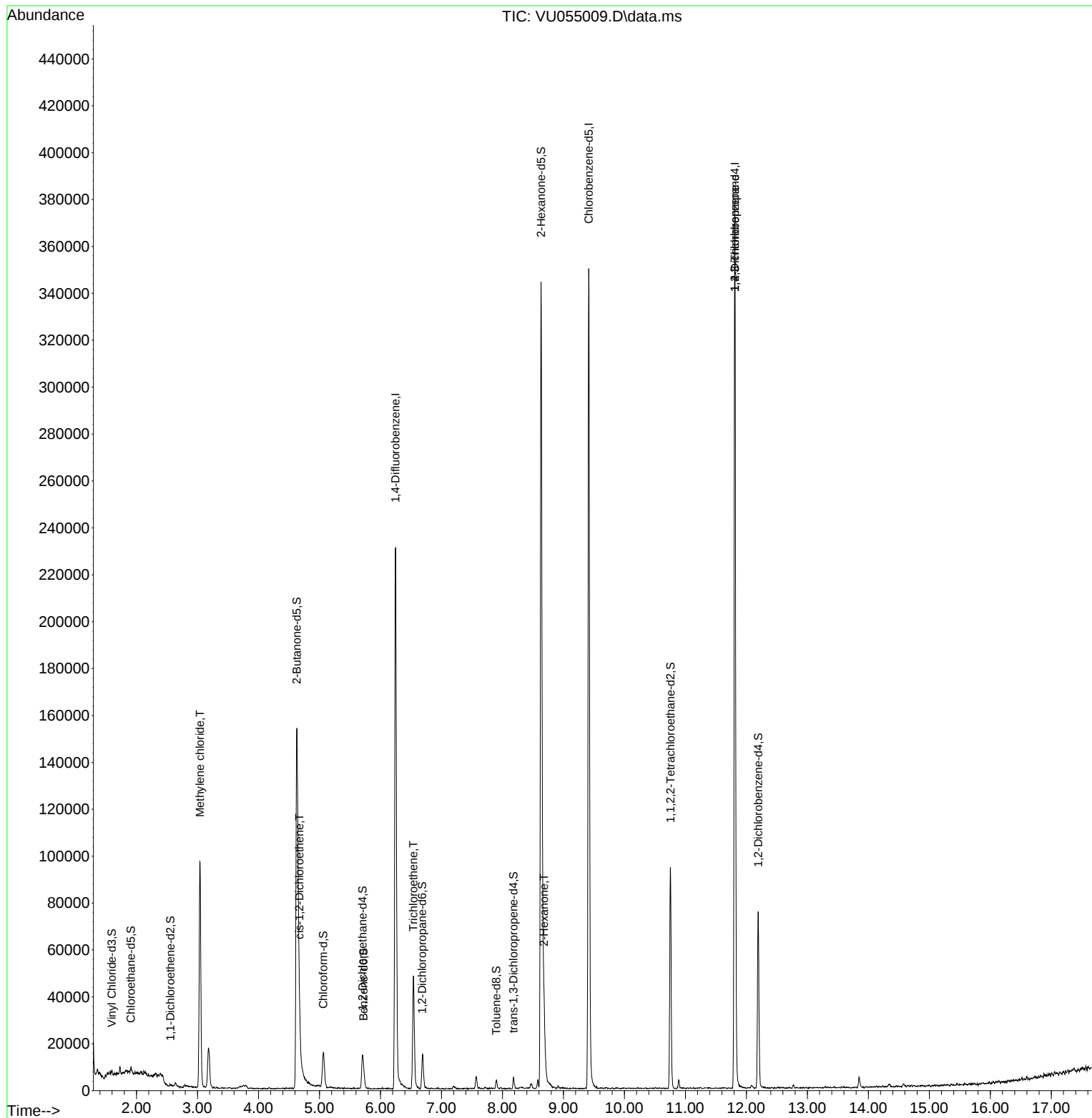
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	185917	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	187665	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	96028	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	127	0.022	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.400%#
7) Chloroethane-d5	1.907	69	869	0.115	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	2.200%#
11) 1,1-Dichloroethene-d2	2.557	65	40	0.012	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.200%#
20) 2-Butanone-d5	4.628	46	190964	60.290	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.580%
24) Chloroform-d	5.062	84	13525	0.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	12.400%#
26) 1,2-Dichloroethane-d4	5.708	65	10685	0.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	18.400%#
32) Benzene-d6	5.724	84	4391	0.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	2.000%#
36) 1,2-Dichloropropane-d6	6.685	67	7393	0.498	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	10.000%#
41) Toluene-d8	7.901	98	2770	0.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	1.400%#
43) trans-1,3-Dichloroprop...	8.181	79	2647	0.542	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	10.800%#
46) 2-Hexanone-d5	8.634	63	113179	48.838	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.680%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	46373	3.645	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	19749	1.288	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	25.800%#
Target Compounds						
16) Methylene chloride	3.039	84	42680	3.309	ug/L	98
22) cis-1,2-Dichloroethene	4.669	96	5043	0.461	ug/L	86
34) Trichloroethene	6.541	95	16444	1.340	ug/L	90
48) 2-Hexanone	8.682	43	14480	2.842	ug/L #	93
61) 1,2,3-Trichloropropane	11.811	75	13501	1.888	ug/L #	69

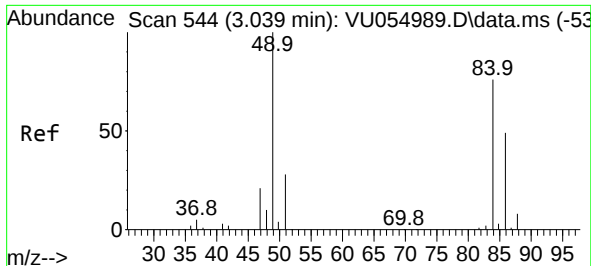
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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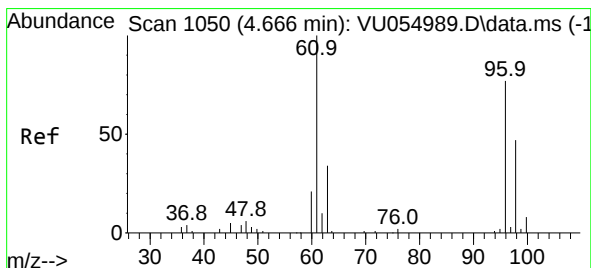
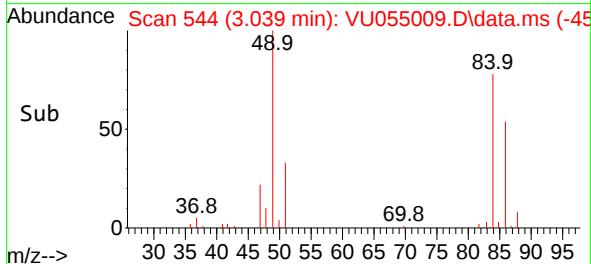
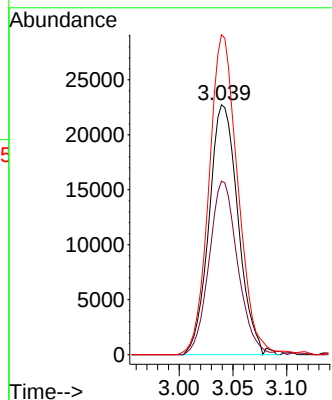
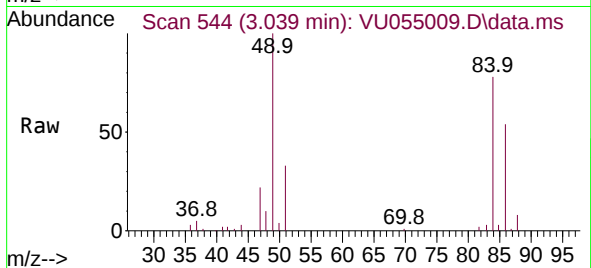




#16
Methylene chloride
Concen: 3.309 ug/L
RT: 3.039 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU055009.D
Acq: 30 Aug 2023 20:35

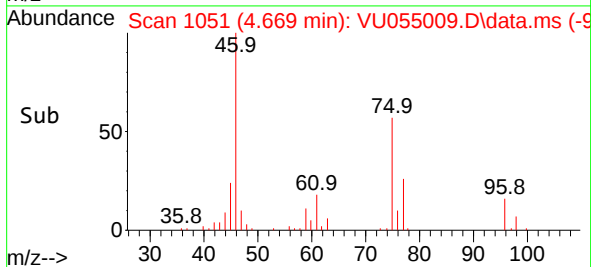
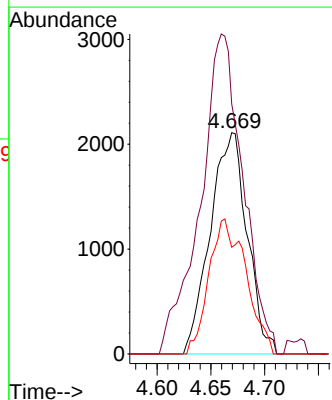
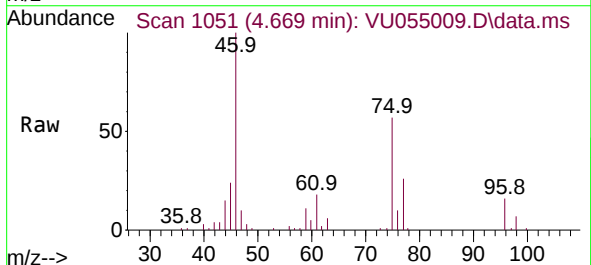
Instrument :
MSVOA_U
ClientSampleId :

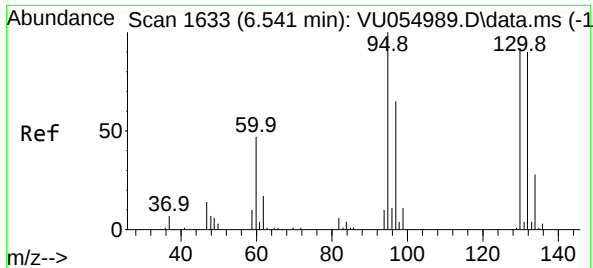
Tgt Ion: 84 Resp: 42680
Ion Ratio Lower Upper
84 100
86 69.4 45.1 83.7
49 128.0 89.5 166.3



#22
cis-1,2-Dichloroethene
Concen: 0.461 ug/L
RT: 4.669 min Scan# 1051
Delta R.T. 0.003 min
Lab File: VU055009.D
Acq: 30 Aug 2023 20:35

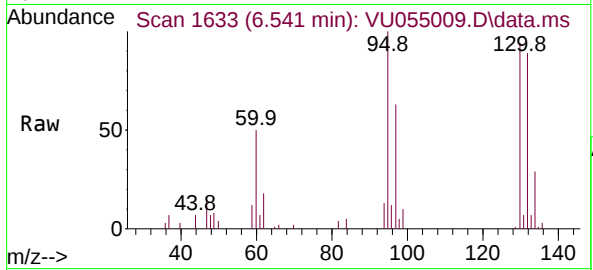
Tgt Ion: 96 Resp: 5043
Ion Ratio Lower Upper
96 100
61 112.9 88.4 164.2
98 48.2 44.0 81.6





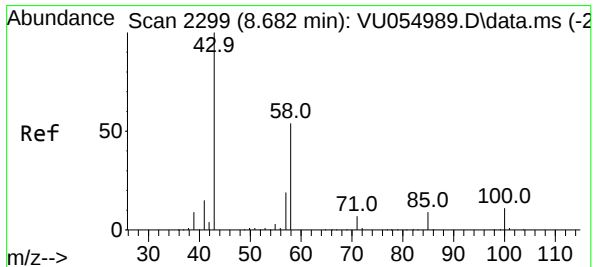
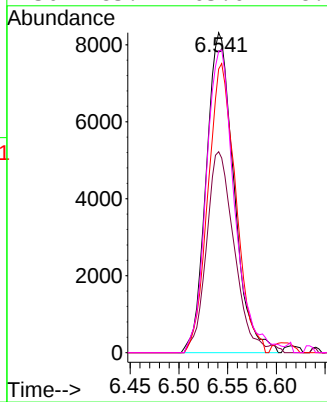
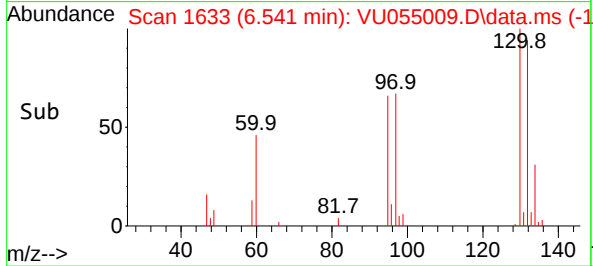
#34
Trichloroethene
Concen: 1.340 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055009.D
Acq: 30 Aug 2023 20:35

Instrument :
MSVOA_U
ClientSampleId :

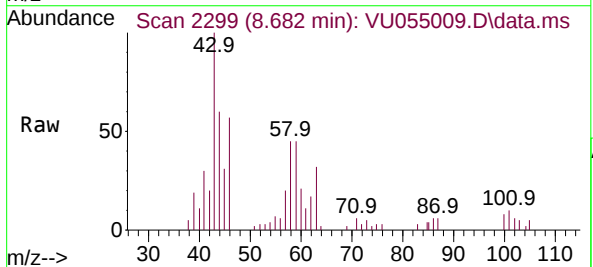


Tgt Ion: 95 Resp: 16444

Ion	Ratio	Lower	Upper
95	100		
97	55.9	44.1	81.9
132	78.9	63.6	118.2
130	83.9	63.6	118.0

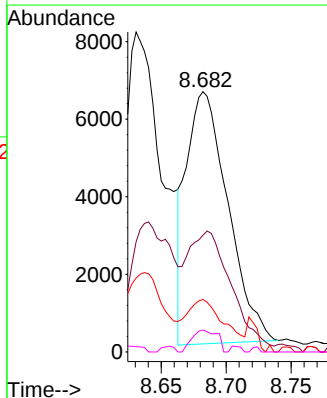
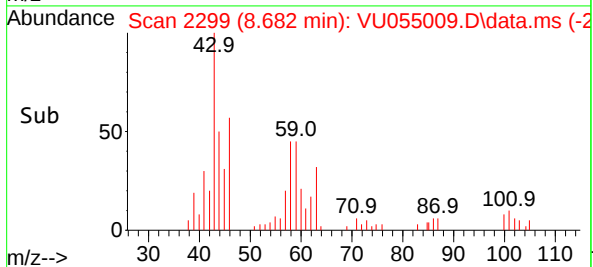


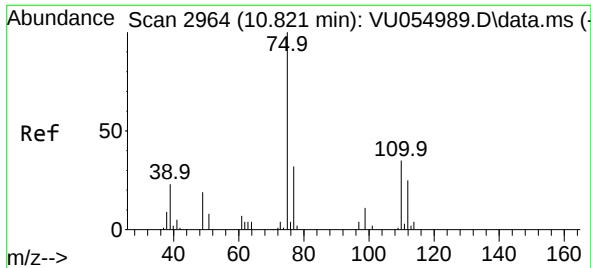
#48
2-Hexanone
Concen: 2.842 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU055009.D
Acq: 30 Aug 2023 20:35



Tgt Ion: 43 Resp: 14480

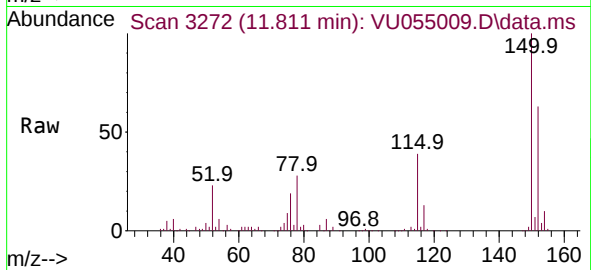
Ion	Ratio	Lower	Upper
43	100		
58	49.4	44.0	66.0
57	19.2	15.9	23.9
100	5.2	9.4	14.0





#61
 1,2,3-Trichloropropane
 Concen: 1.888 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055009.D
 Acq: 30 Aug 2023 20:35

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.3	29.0	43.6#
77	33.7	26.5	39.7

