

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055920.D
 Acq On : 27 Oct 2023 12:36
 Operator : MD/SY
 Sample : 05009-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4A52

Quant Time: Oct 27 23:54:58 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

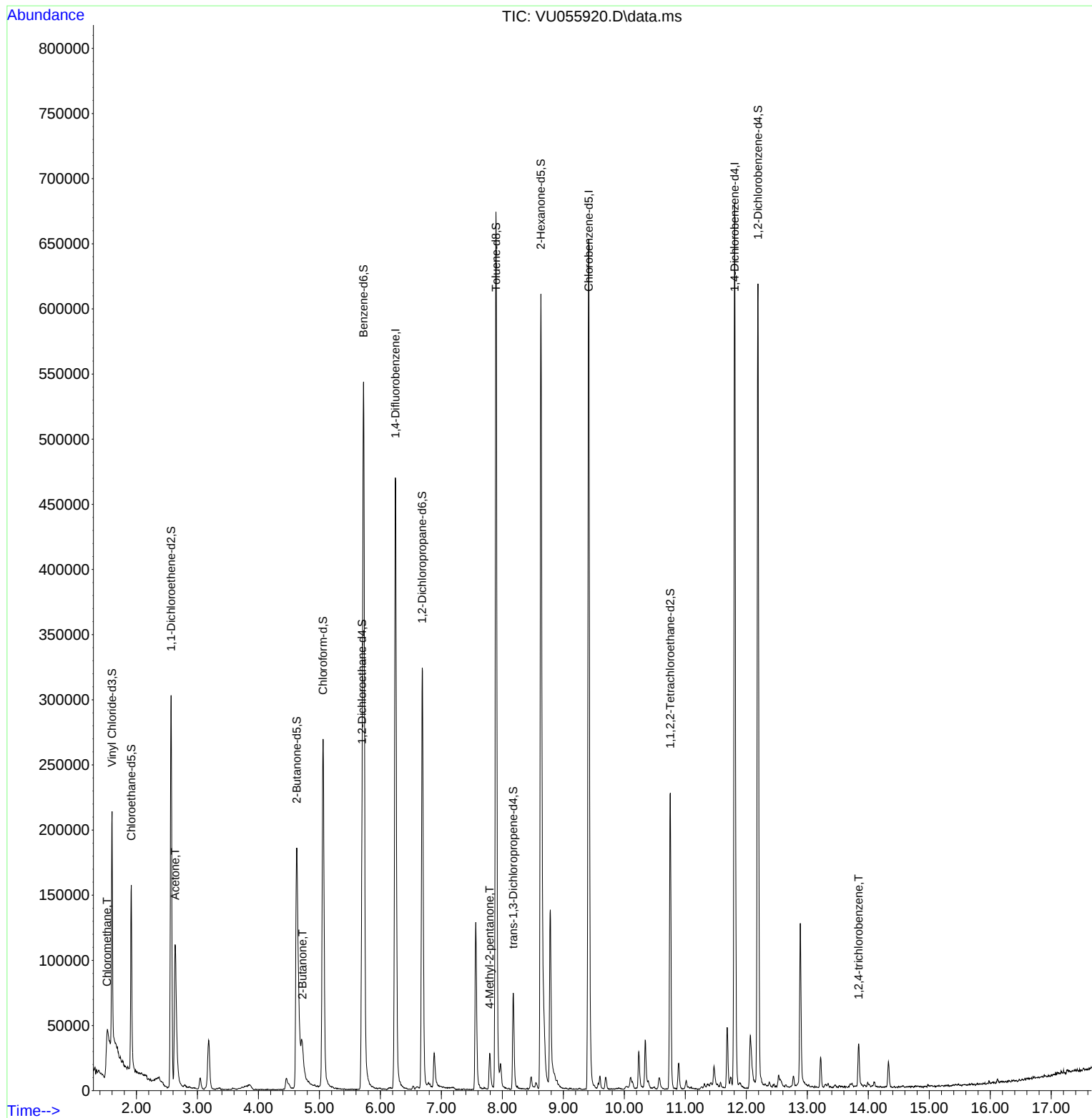
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	403003	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.416	117	386244	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	182404	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	128815	4.041	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.800%	
7) Chloroethane-d5	1.914	69	108652	4.372	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.400%	
11) 1,1-Dichloroethene-d2	2.567	65	57105	4.219	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.400%	
20) 2-Butanone-d5	4.628	46	263899	46.402	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.800%	
24) Chloroform-d	5.059	84	262843	4.449	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
26) 1,2-Dichloroethane-d4	5.699	65	123359	4.286	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.800%	
32) Benzene-d6	5.724	84	537016	4.668	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
36) 1,2-Dichloropropane-d6	6.686	67	162731	4.771	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.400%	
41) Toluene-d8	7.895	98	470215	4.505	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.200%	
43) trans-1,3-Dichloroprop...	8.178	79	48340	3.624	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.400%	
46) 2-Hexanone-d5	8.631	63	219713	64.884	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	129.760%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	117825	4.744	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	162766	4.783	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.600%	
Target Compounds						
3) Chloromethane	1.519	50	4020	0.183	ug/L	91
13) Acetone	2.634	43	175530	54.161	ug/L	98
21) 2-Butanone	4.721	43	49300	10.348	ug/L	99
40) 4-Methyl-2-pentanone	7.792	43	19677	1.804	ug/L #	89
70) 1,2,4-trichlorobenzene	13.840	180	10313	0.474	ug/L	99

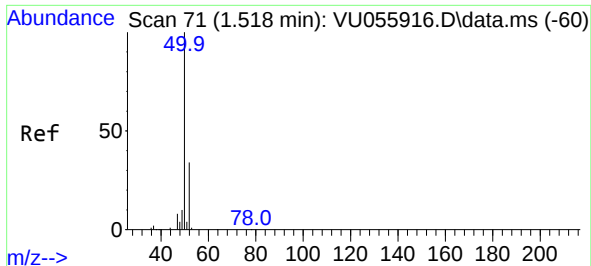
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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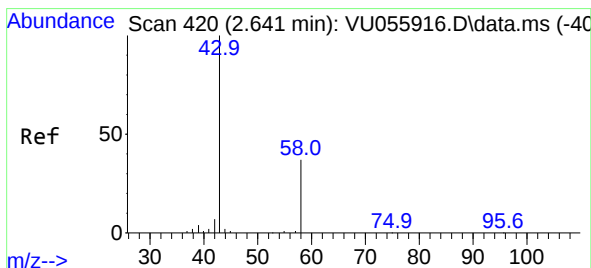
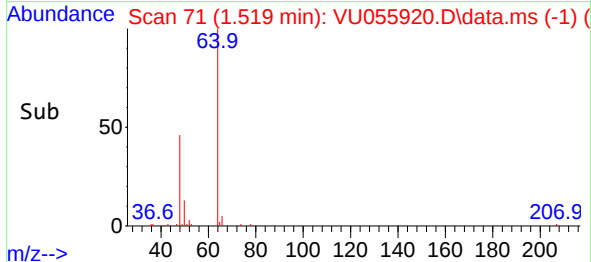
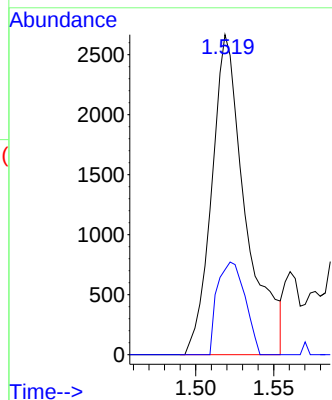
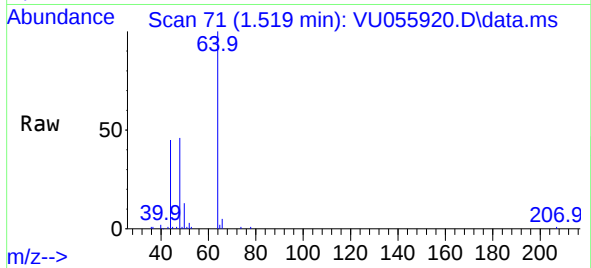




#3
Chloromethane
Concen: 0.183 ug/L
RT: 1.519 min Scan# 71
Delta R.T. 0.004 min
Lab File: VU055920.D
Acq: 27 Oct 2023 12:36

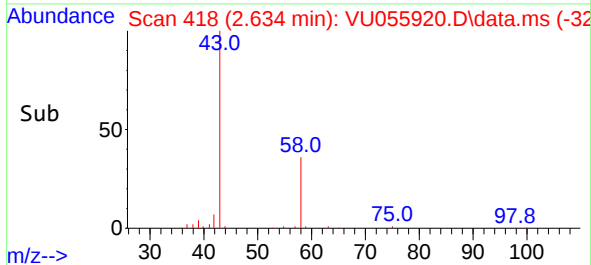
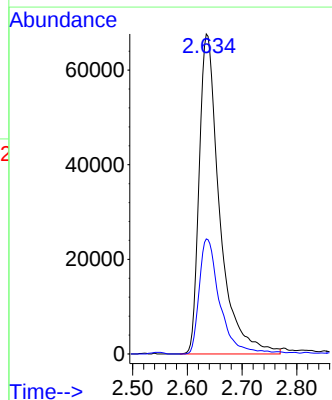
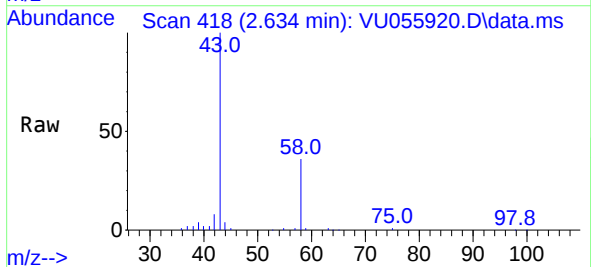
Instrument :
MSVOA_U
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A4A52

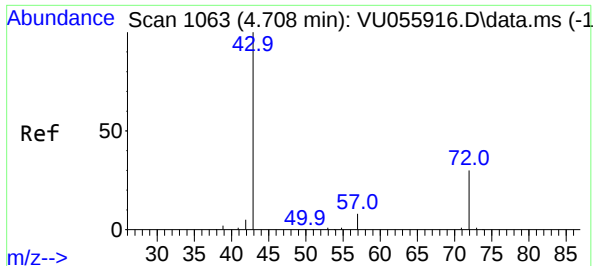
Tgt Ion: 50 Resp: 4020
Ion Ratio Lower Upper
50 100
52 26.6 22.0 40.8



#13
Acetone
Concen: 54.161 ug/L
RT: 2.634 min Scan# 418
Delta R.T. -0.013 min
Lab File: VU055920.D
Acq: 27 Oct 2023 12:36

Tgt Ion: 43 Resp: 175530
Ion Ratio Lower Upper
43 100
58 35.5 0.0 69.0

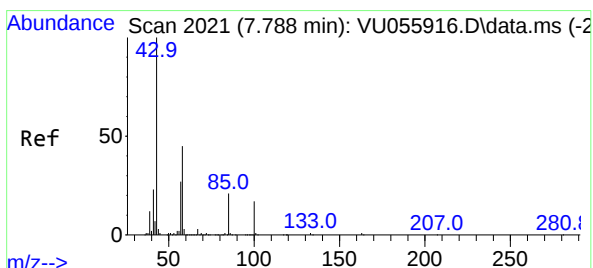
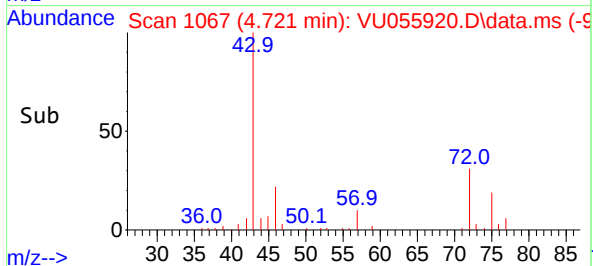
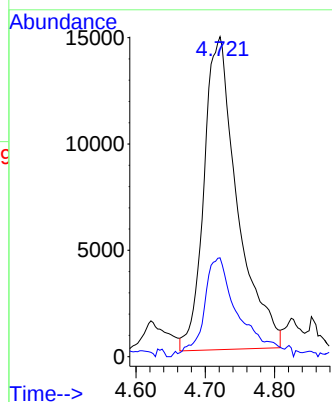
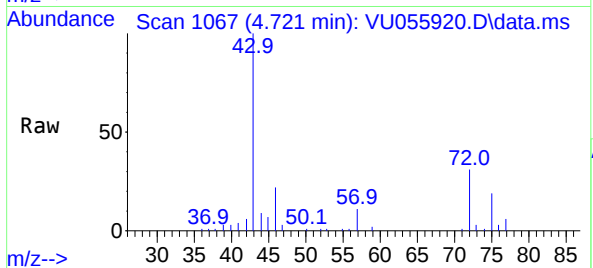




#21
2-Butanone
Concen: 10.348 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.010 min
Lab File: VU055920.D
Acq: 27 Oct 2023 12:36

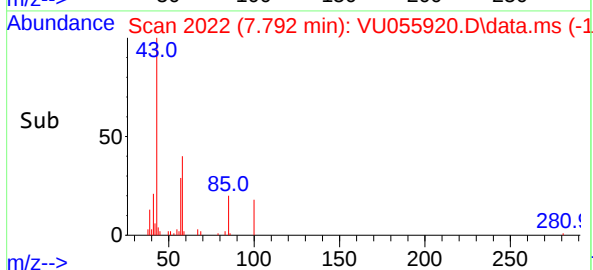
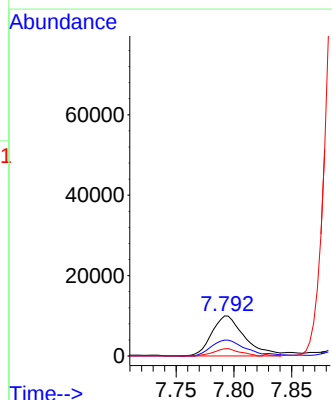
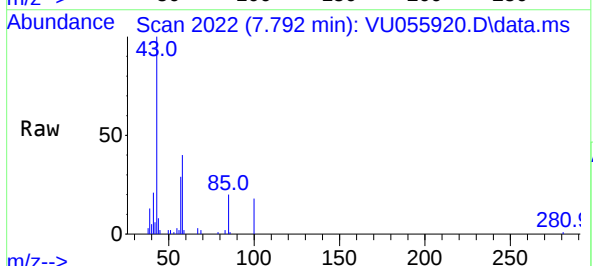
Instrument :
MSVOA_U
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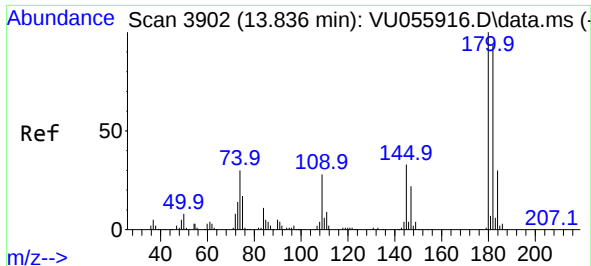
Tgt Ion: 43 Resp: 49300
Ion Ratio Lower Upper
43 100
72 28.5 14.4 43.4



#40
4-Methyl-2-pentanone
Concen: 1.804 ug/L
RT: 7.792 min Scan# 2022
Delta R.T. 0.004 min
Lab File: VU055920.D
Acq: 27 Oct 2023 12:36

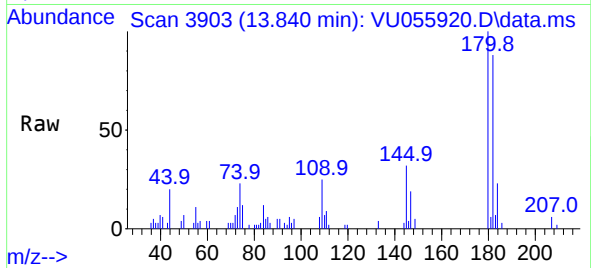
Tgt Ion: 43 Resp: 19677
Ion Ratio Lower Upper
43 100
58 42.1 34.0 51.0
100 0.0 13.0 19.6#





#70
1,2,4-trichlorobenzene
Concen: 0.474 ug/L
RT: 13.840 min Scan# 3902
Delta R.T. 0.004 min
Lab File: VU055920.D
Acq: 27 Oct 2023 12:36

Instrument :
MSVOA_U
ClientSampleId :
A4A52



Tgt Ion:	180	Resp:	10313
Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.1	114.1
145	31.0	26.4	39.6

