

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056871.D
 Acq On : 15 Dec 2023 11:55
 Operator : MD/SY
 Sample : 05675-23
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Dec 15 22:24:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

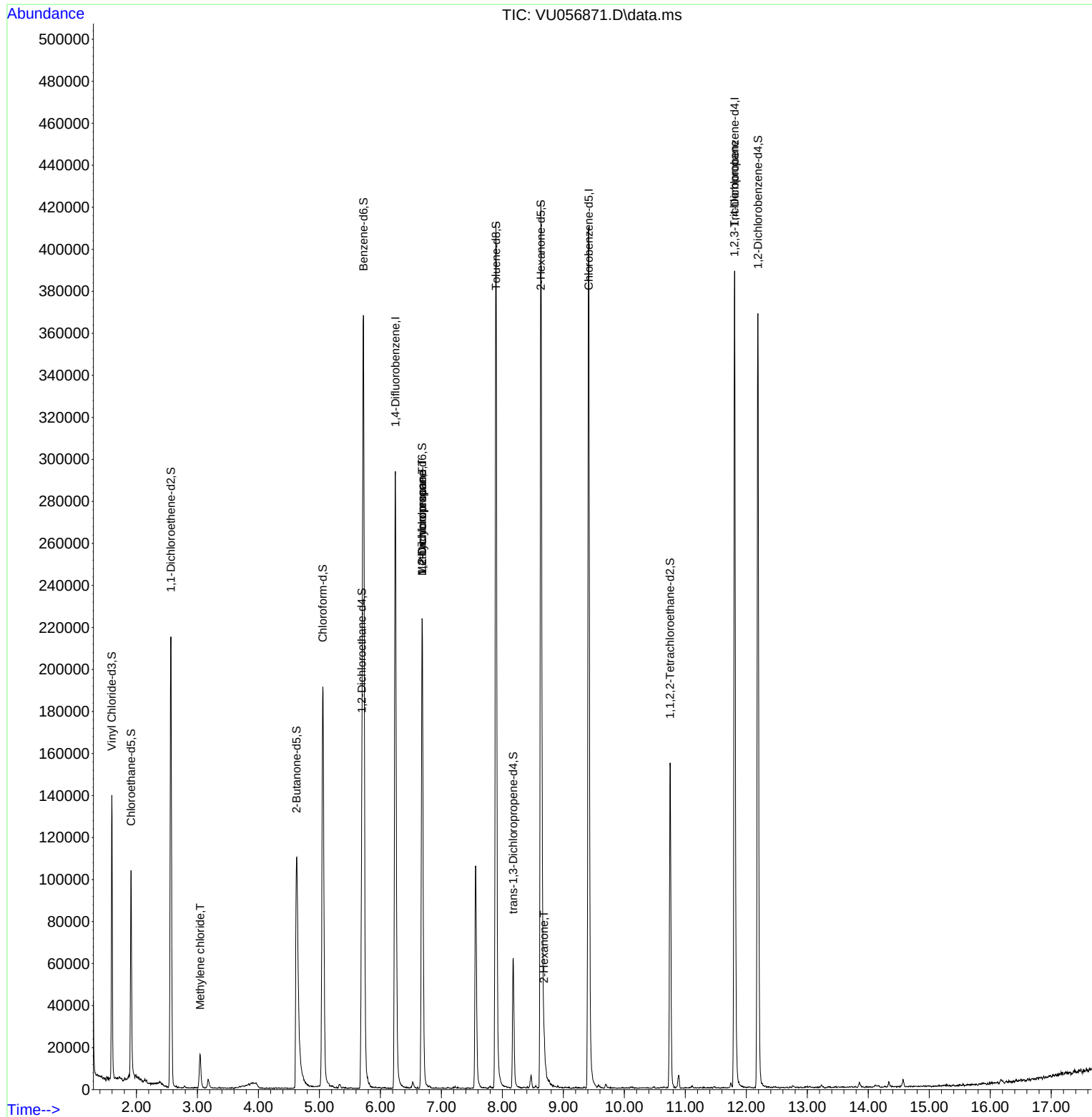
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	243666	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	243291	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	103143	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	95732	4.583	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.911	69	73057	4.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.564	65	41423	4.635	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.625	46	194671	47.196	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.400%
24) Chloroform-d	5.055	84	183717	4.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.695	65	88673	4.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.721	84	356068	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.686	67	112874	4.779	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.895	98	289979	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.177	79	37970	4.145	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.631	63	150320	43.512	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.020%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	80176	4.692	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	99894	4.927	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						Qvalue
16) Methylene chloride	3.043	84	8540	0.396	ug/L	96
35) Methylcyclohexane	6.686	83	25876	0.748	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	11592	0.530	ug/L #	88
48) 2-Hexanone	8.682	43	5977	0.808	ug/L #	96
61) 1,2,3-Trichloropropane	11.804	75	13304	1.201	ug/L #	69

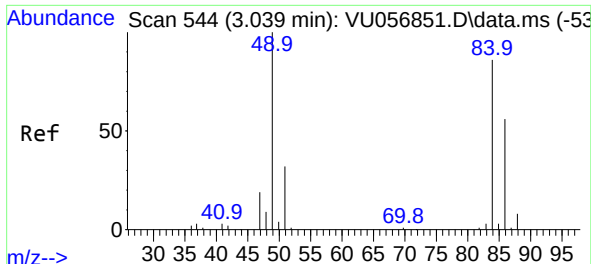
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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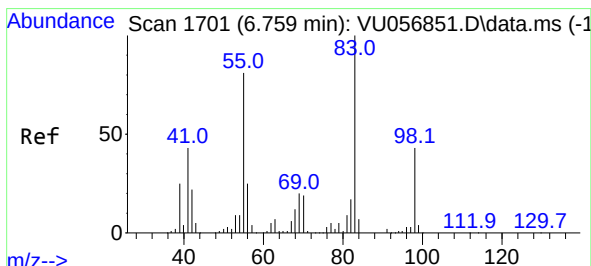
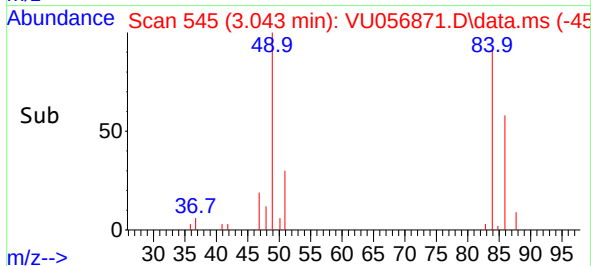
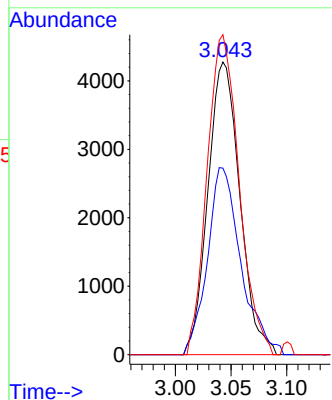
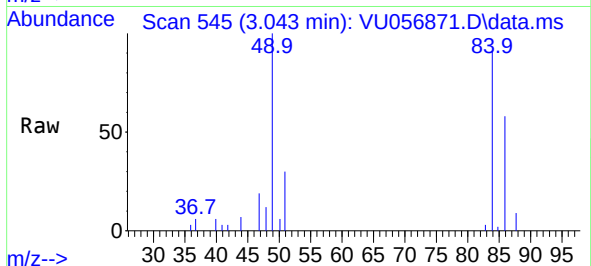


#16
Methylene chloride
Concen: 0.396 ug/L
RT: 3.043 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU056871.D
Acq: 15 Dec 2023 11:55

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Tgt Ion: 84 Resp: 8540

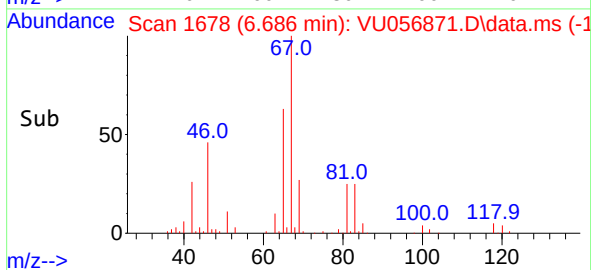
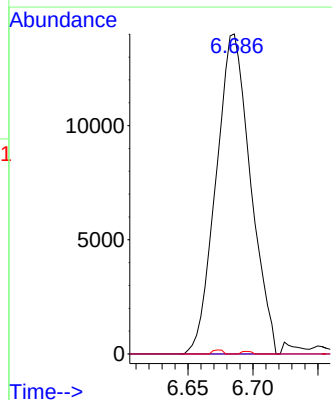
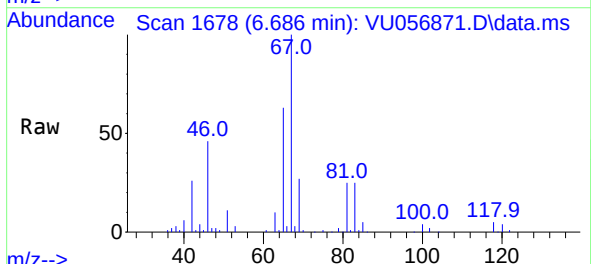
Ion	Ratio	Lower	Upper
84	100		
86	63.8	43.6	81.0
49	109.4	80.6	149.6

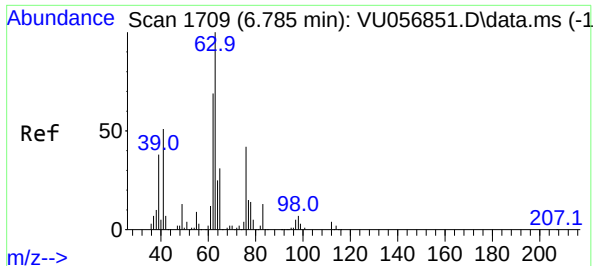


#35
Methylcyclohexane
Concen: 0.748 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056871.D
Acq: 15 Dec 2023 11:55

Tgt Ion: 83 Resp: 25876

Ion	Ratio	Lower	Upper
83	100		
55	0.5	64.6	97.0#
98	0.2	36.1	54.1#

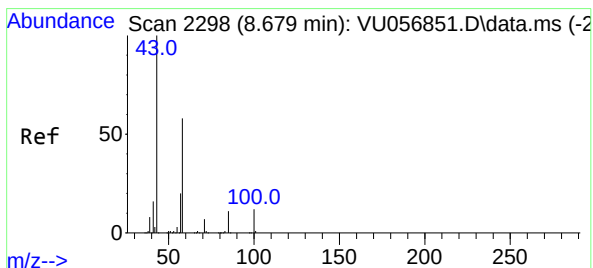
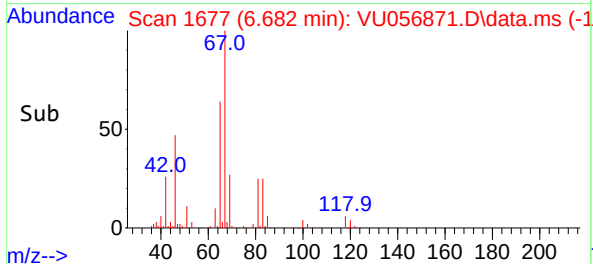
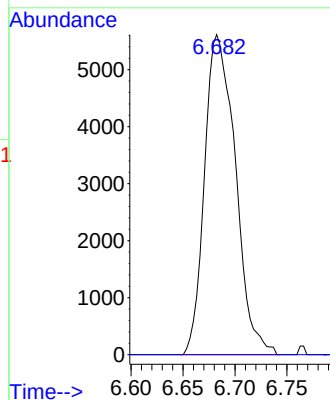
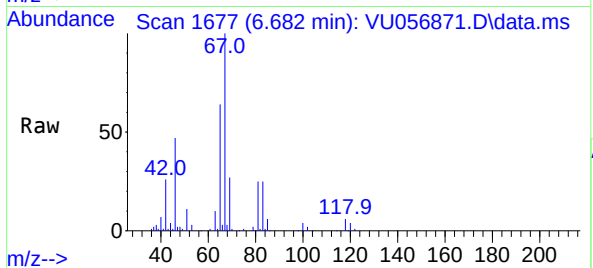




#37
1,2-Dichloropropane
Concen: 0.530 ug/L
RT: 6.682 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU056871.D
Acq: 15 Dec 2023 11:55

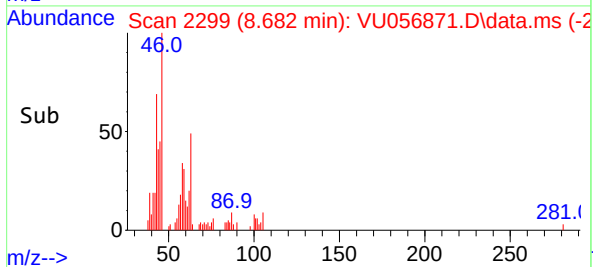
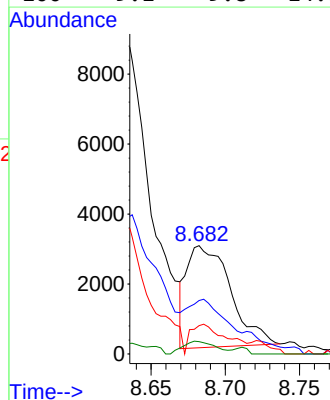
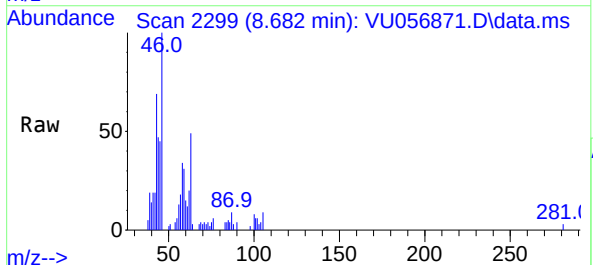
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

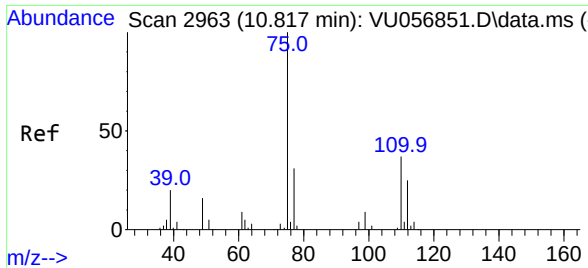
Tgt Ion: 63 Resp: 11592
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#48
2-Hexanone
Concen: 0.808 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU056871.D
Acq: 15 Dec 2023 11:55

Tgt Ion: 43 Resp: 5977
Ion Ratio Lower Upper
43 100
58 61.1 47.5 71.3
57 24.2 17.0 25.4
100 9.1 9.8 14.8#





#61
1,2,3-Trichloropropane
Concen: 1.201 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU056871.D
Acq: 15 Dec 2023 11:55

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Tgt Ion: 75 Resp: 13304
Ion Ratio Lower Upper
75 100
110 2.6 28.4 42.6#
77 30.4 26.3 39.5

