

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092823\
 Data File : VU055582.D
 Acq On : 28 Sep 2023 16:48
 Operator : MD/SY
 Sample : 04579-09DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYHZ1DL

Quant Time: Sep 29 02:14:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

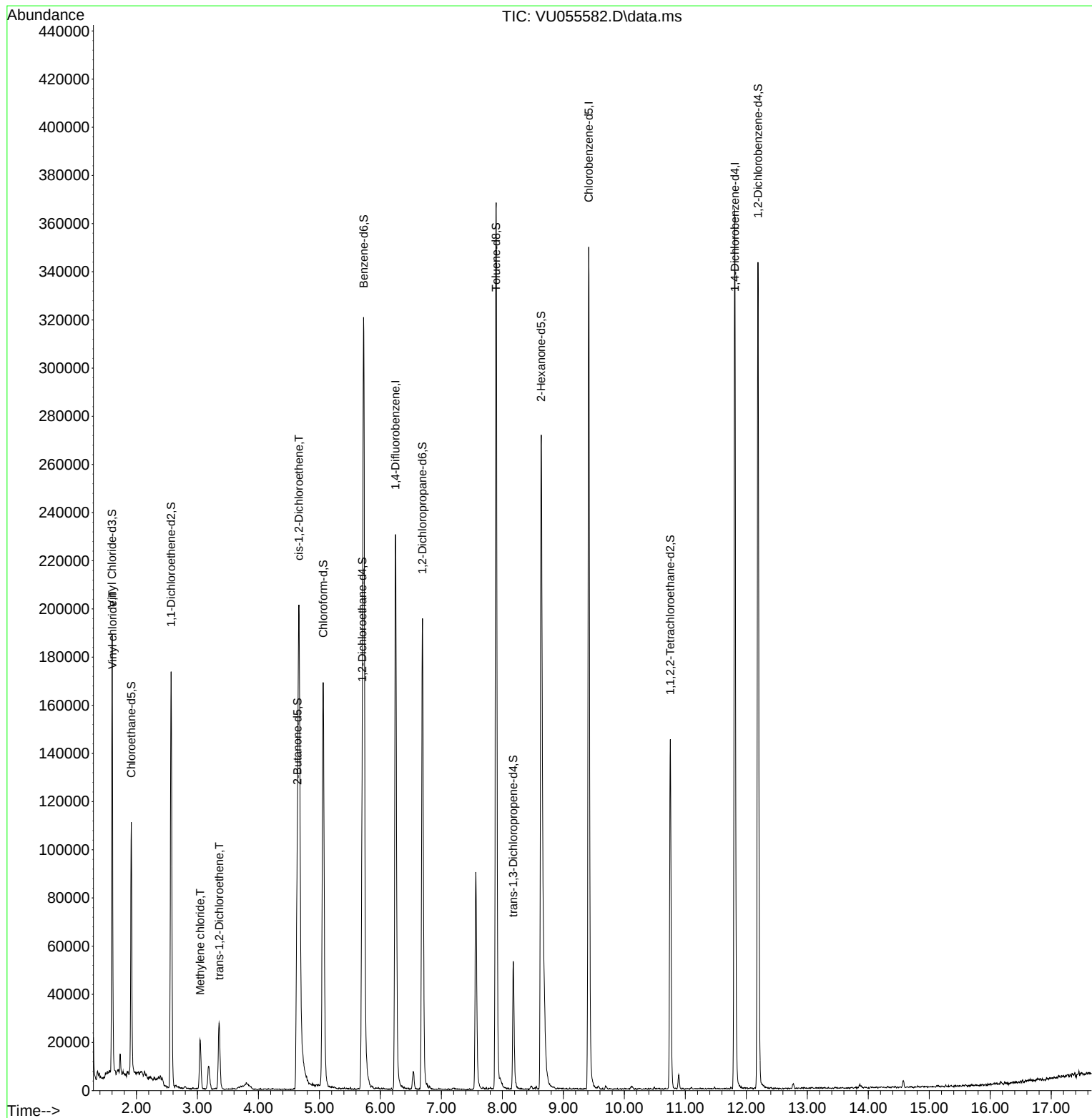
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	193556	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	198866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	98517	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	82588	4.222	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.914	69	73219	4.247	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.567	65	31659	3.932	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.637	46	162870	46.094	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.180%
24) Chloroform-d	5.062	84	158756	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.702	65	76452	4.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.727	84	307883	4.426	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.689	67	96819	4.659	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.898	98	257188	4.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.177	79	31732	4.351	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.634	63	88802	40.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.060%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	74801	4.802	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	90710	4.562	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
5) Vinyl chloride	1.605	62	49784	2.784	ug/L	97
16) Methylene chloride	3.042	84	10343	0.638	ug/L	86
18) trans-1,2-Dichloroethene	3.358	96	12292	0.901	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	86593	5.476	ug/L	99

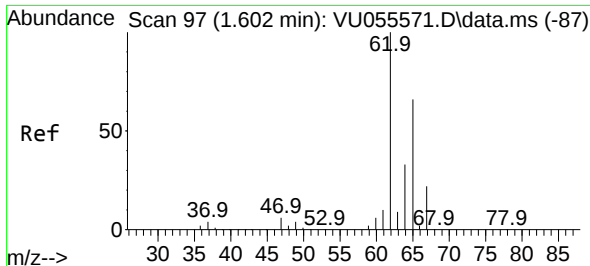
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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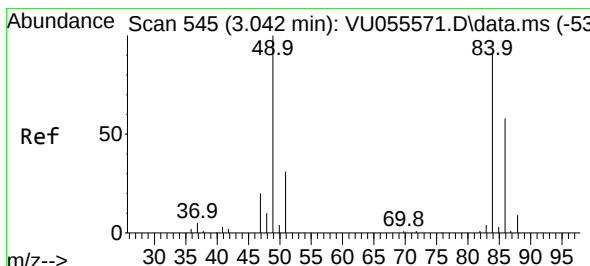
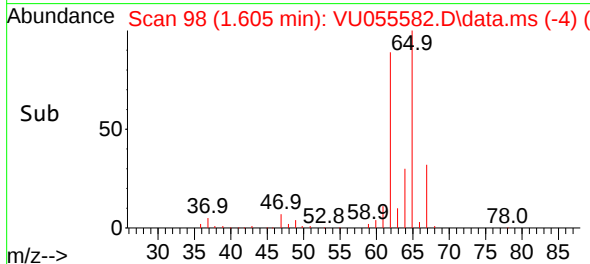
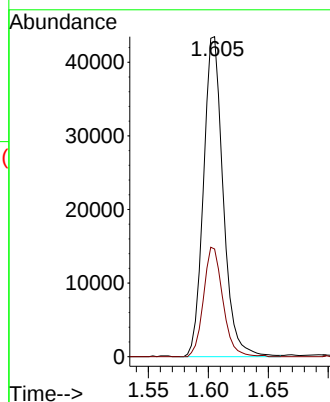
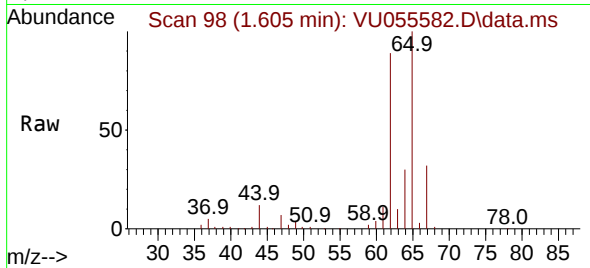




#5
 Vinyl chloride
 Concen: 2.784 ug/L
 RT: 1.605 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU055582.D
 Acq: 28 Sep 2023 16:48

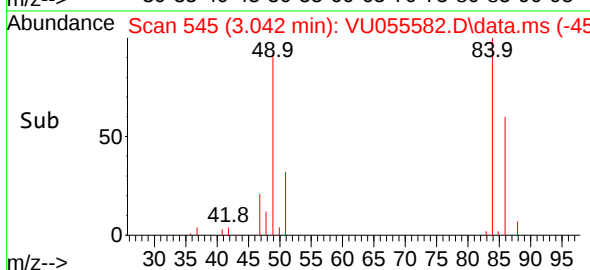
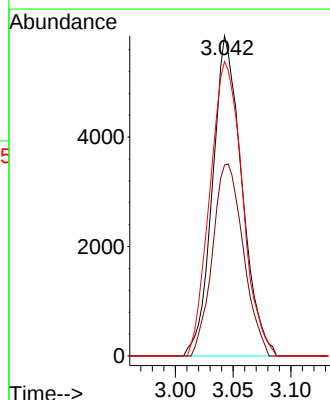
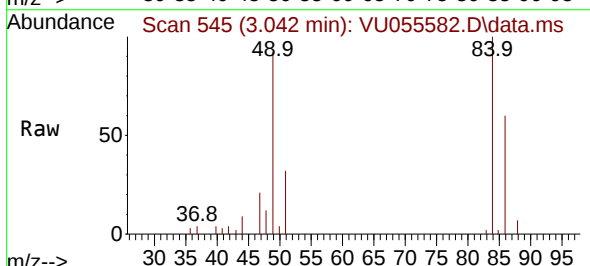
Instrument :
 MSVOA_U
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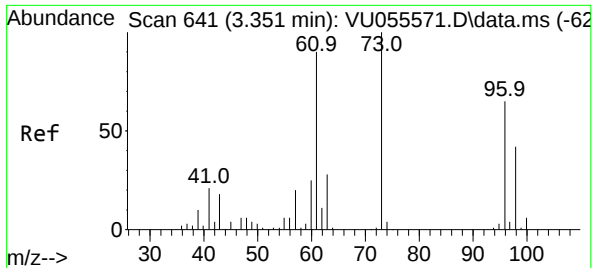
Tgt Ion: 62 Resp: 49784
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.3 41.5



#16
 Methylene chloride
 Concen: 0.638 ug/L
 RT: 3.042 min Scan# 545
 Delta R.T. -0.000 min
 Lab File: VU055582.D
 Acq: 28 Sep 2023 16:48

Tgt Ion: 84 Resp: 10343
 Ion Ratio Lower Upper
 84 100
 86 59.6 44.9 83.3
 49 92.0 78.8 146.3

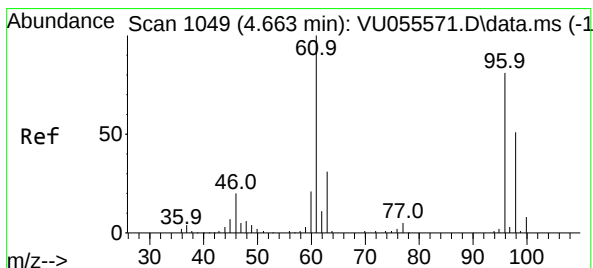
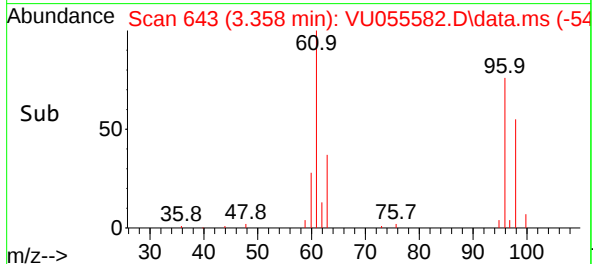
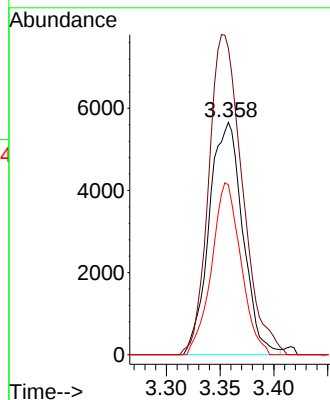
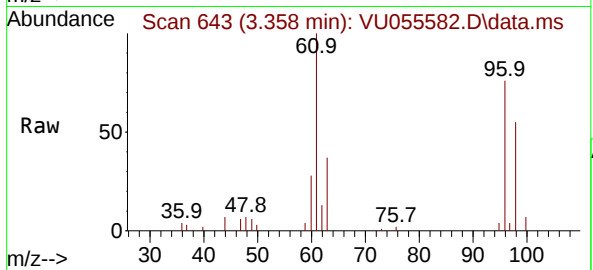




#18
trans-1,2-Dichloroethene
Concen: 0.901 ug/L
RT: 3.358 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU055582.D
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Instrument :
MSVOA_U
ClientSampleId :
EYHZ1DL

Tgt Ion: 96 Resp: 12292
Ion Ratio Lower Upper
96 100
61 131.9 94.6 175.6
98 73.1 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 5.476 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055582.D
Acq: 28 Sep 2023 16:48

Tgt Ion: 96 Resp: 86593
Ion Ratio Lower Upper
96 100
61 125.2 87.8 163.2
98 62.1 44.4 82.4

