

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055047.D
 Acq On : 01 Sep 2023 18:02
 Operator : MD/SY
 Sample : 04209-17DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH479DL

Quant Time: Sep 01 23:48:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:46:10 2023
 Response via : Initial Calibration

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

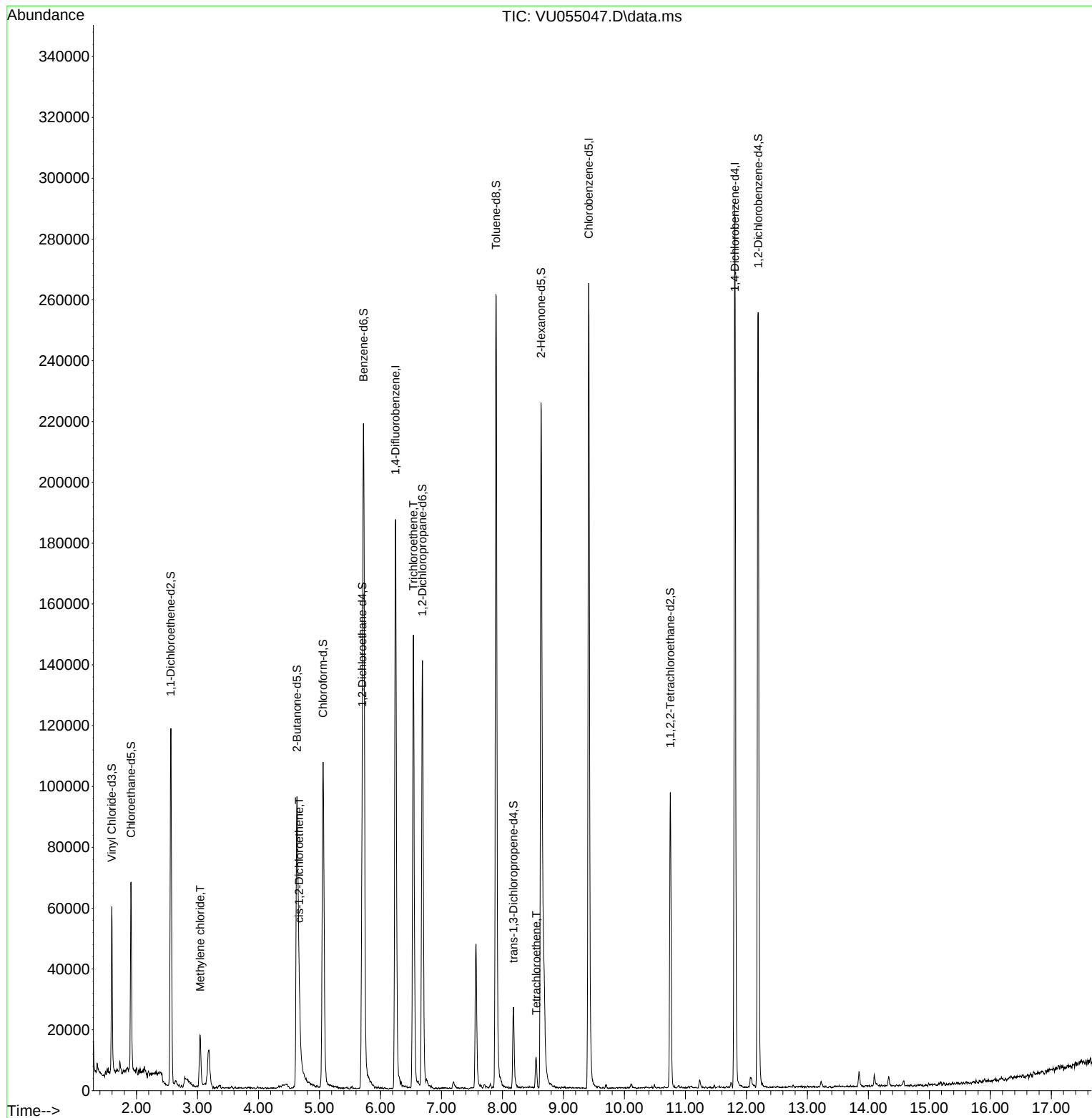
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	153201	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	144227	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	74881	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	37946	5.285	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.600%
7) Chloroethane-d5	1.910	69	43826	5.273	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	2.560	65	22059	5.392	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.800%
20) 2-Butanone-d5	4.631	46	123894	59.460	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.920%
24) Chloroform-d	5.058	84	100196	5.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.701	65	52265	5.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
32) Benzene-d6	5.724	84	201449	5.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.200%
36) 1,2-Dichloropropane-d6	6.688	67	67160	5.931	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.600%
41) Toluene-d8	7.894	98	181052	5.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
43) trans-1,3-Dichloroprop...	8.180	79	15414	4.943	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.634	63	75851	59.916	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.840%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	48399	6.078	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.600%#
66) 1,2-Dichlorobenzene-d4	12.193	152	64317	5.885	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.045	84	8221	0.760	ug/L	90
22) cis-1,2-Dichloroethene	4.666	96	4047	0.460	ug/L	93
34) Trichloroethene	6.541	95	49507	5.803	ug/L	96
47) Tetrachloroethene	8.557	164	2247	0.381	ug/L #	78

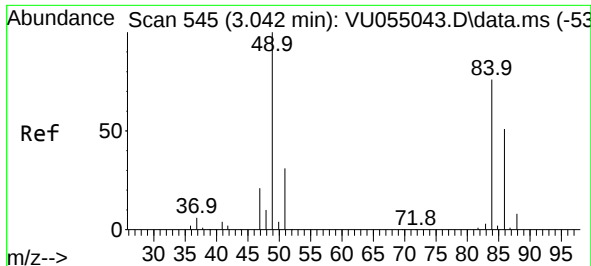
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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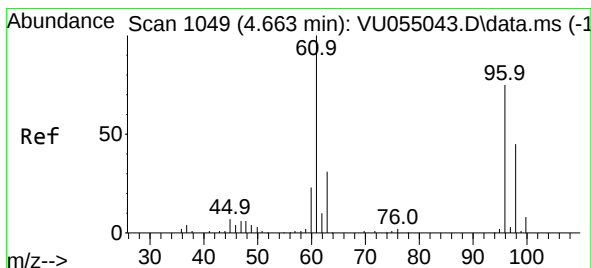
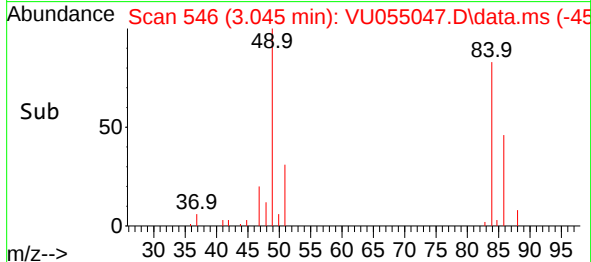
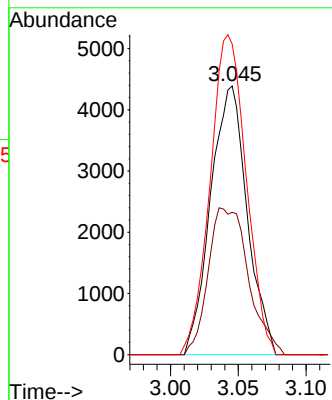
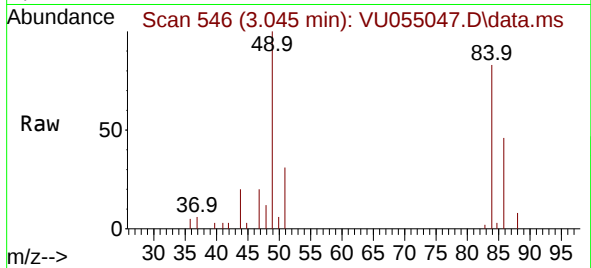




#16
Methylene chloride
Concen: 0.760 ug/L
RT: 3.045 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055047.D
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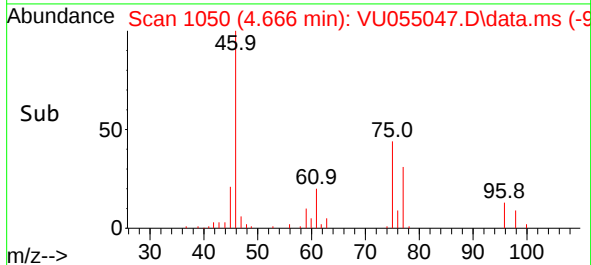
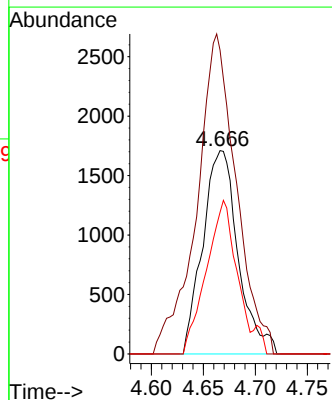
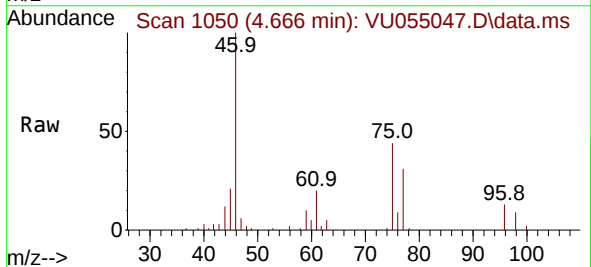
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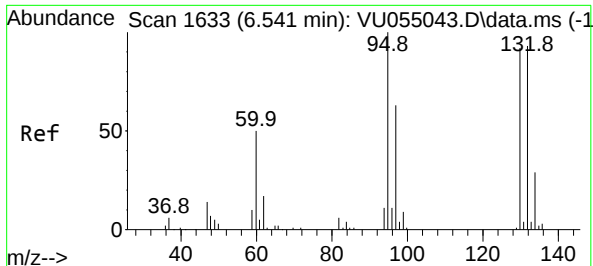
Tgt Ion: 84 Resp: 8221
Ion Ratio Lower Upper
84 100
86 53.0 43.4 80.6
49 115.6 87.7 162.9



#22
cis-1,2-Dichloroethene
Concen: 0.460 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055047.D
Acq: 01 Sep 2023 18:02

Tgt Ion: 96 Resp: 4047
Ion Ratio Lower Upper
96 100
61 149.4 97.2 180.4
98 69.6 46.1 85.7



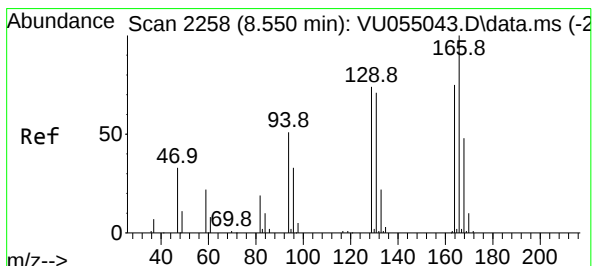
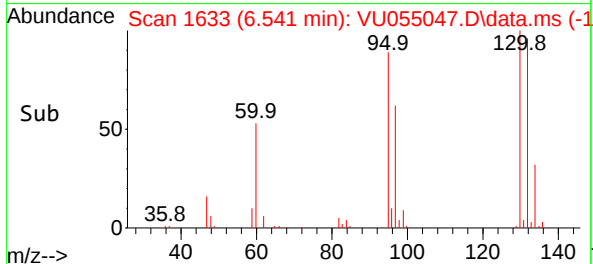
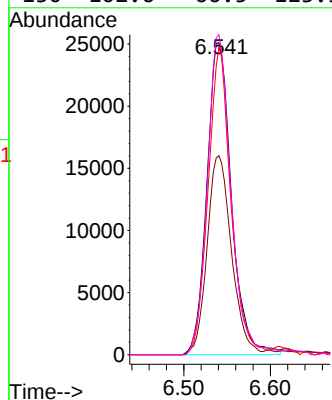
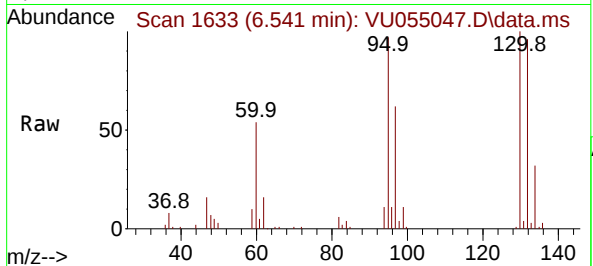


#34
Trichloroethene
Concen: 5.803 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055047.D
Acq: 01 Sep 2023 18:02

Instrument :
MSVOA_U
ClientSampleId :
BH479DL

Tgt Ion: 95 Resp: 49507

Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.7	83.1
132	98.5	66.6	123.6
130	102.6	66.5	123.5



#47
Tetrachloroethene
Concen: 0.381 ug/L
RT: 8.557 min Scan# 2260
Delta R.T. 0.006 min
Lab File: VU055047.D
Acq: 01 Sep 2023 18:02

Tgt Ion: 164 Resp: 2247

Ion	Ratio	Lower	Upper
164	100		
129	79.8	69.2	128.6
131	66.9	68.8	127.8#
166	112.9	92.3	171.5

