

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055049.D
 Acq On : 01 Sep 2023 18:50
 Operator : MD/SY
 Sample : 04209-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH479

Quant Time: Sep 01 23:49:00 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)

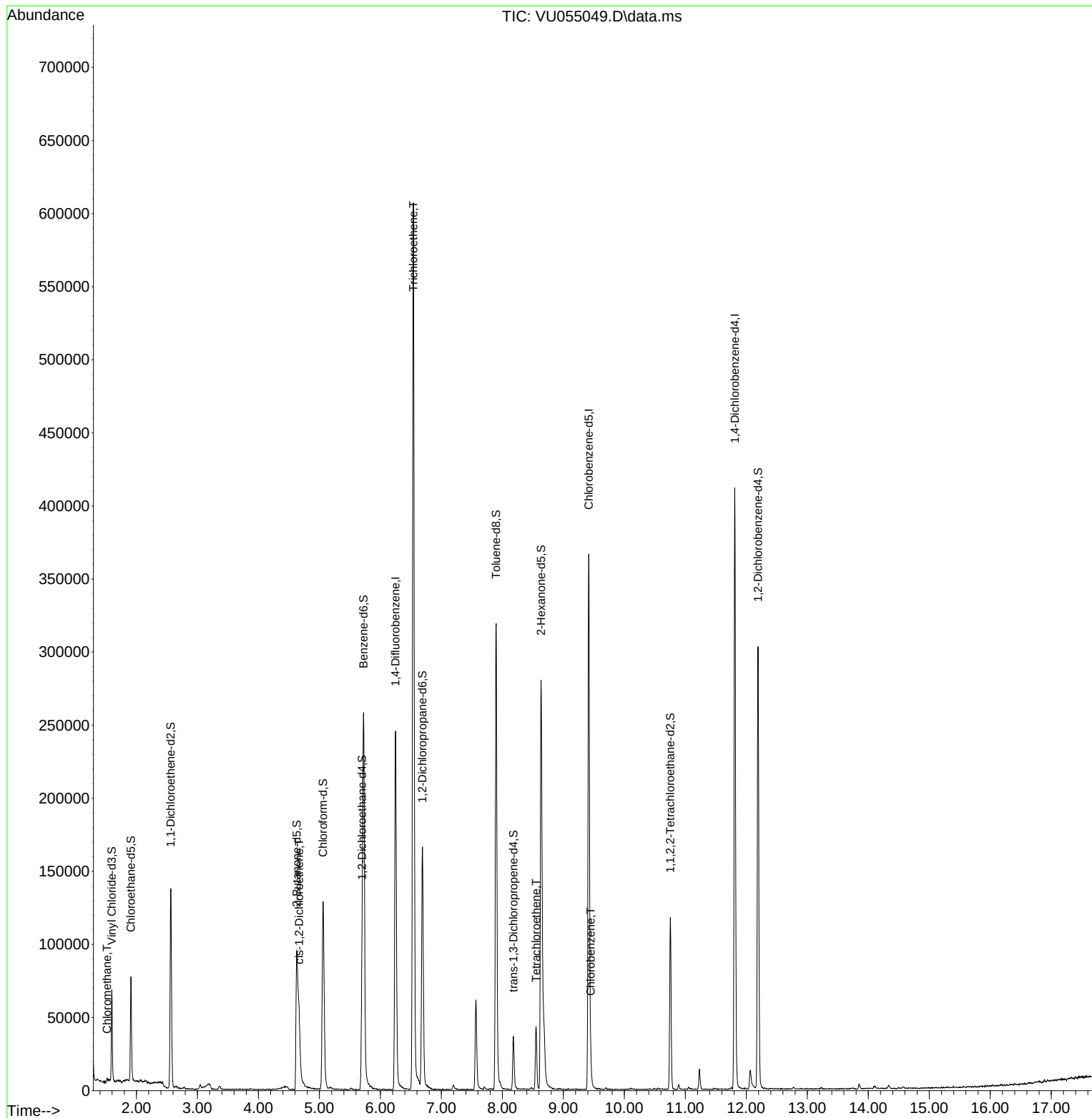
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	194911	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	199104	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	102858	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42805	4.686	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.907	69	49073	4.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.560	65	25699	4.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	4.628	46	149920	56.554	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.100%
24) Chloroform-d	5.058	84	118334	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.698	65	62536	5.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.724	84	238915	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.689	67	79683	5.098	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.898	98	216770	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.181	79	20564	4.777	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.634	63	94522	54.085	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.180%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55762	5.072	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	77577	5.167	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
3) Chloromethane	1.518	50	1816	0.157	ug/L	92
22) cis-1,2-Dichloroethene	4.666	96	15732	1.406	ug/L	99
34) Trichloroethene	6.541	95	208235	17.682	ug/L	98
47) Tetrachloroethene	8.554	164	9092	1.117	ug/L	97
51) Chlorobenzene	9.447	112	7112	0.238	ug/L	95

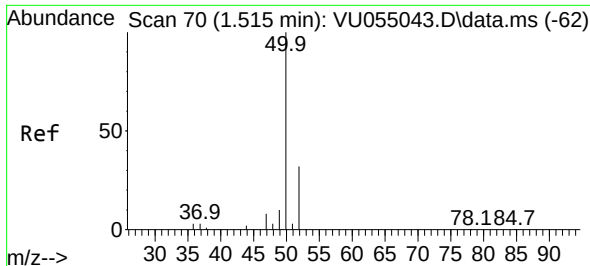
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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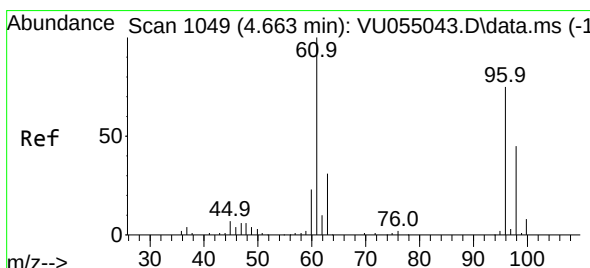
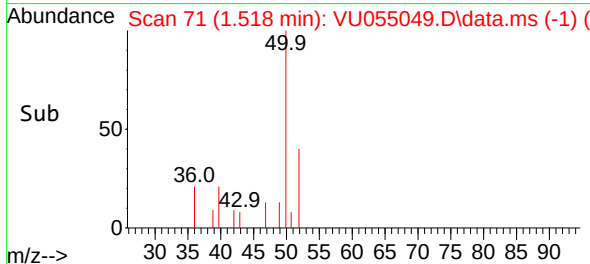
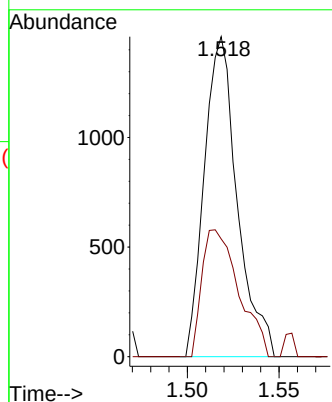
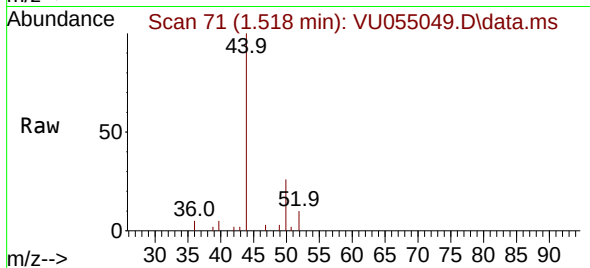




#3
Chloromethane
Concen: 0.157 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU055049.D
Acq: 01 Sep 2023 18:50

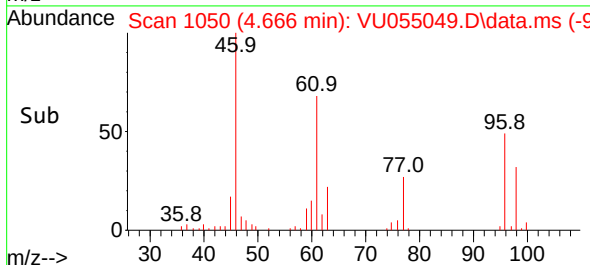
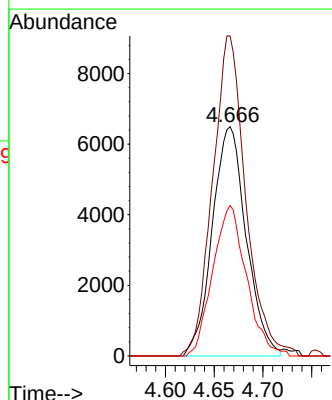
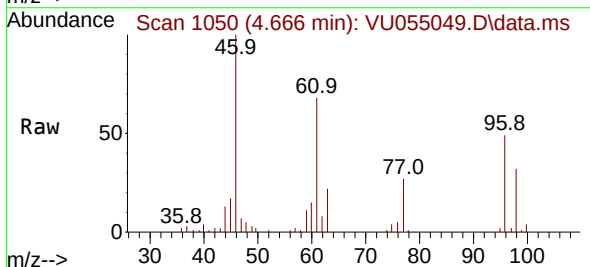
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MSVOA_U
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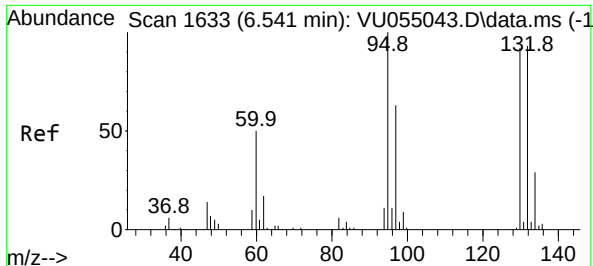
Tgt Ion: 50 Resp: 1816
Ion Ratio Lower Upper
50 100
52 36.8 22.5 41.7



#22
cis-1,2-Dichloroethene
Concen: 1.406 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055049.D
Acq: 01 Sep 2023 18:50

Tgt Ion: 96 Resp: 15732
Ion Ratio Lower Upper
96 100
61 139.5 97.2 180.4
98 65.6 46.1 85.7

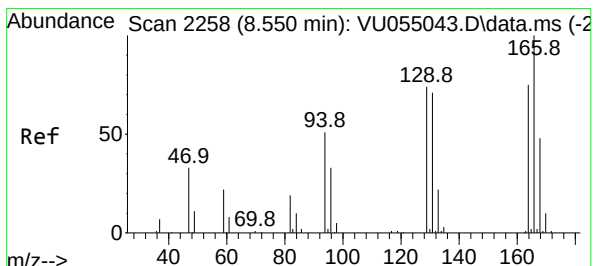
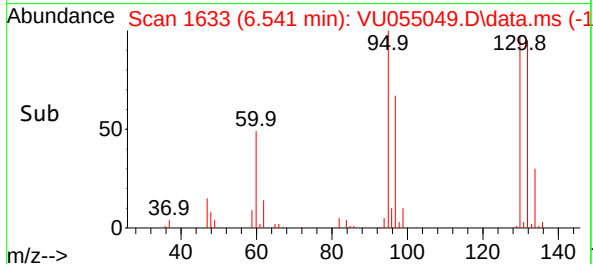
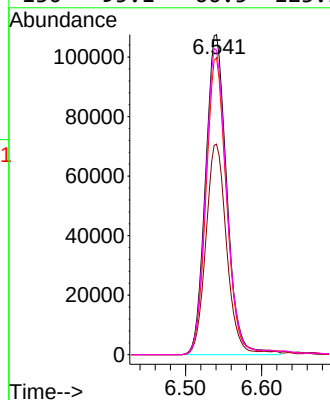
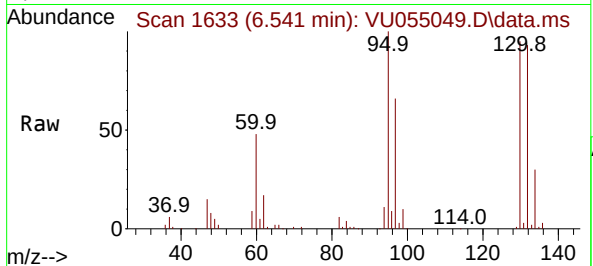




#34
Trichloroethene
Concen: 17.682 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055049.D
Acq: 01 Sep 2023 18:50

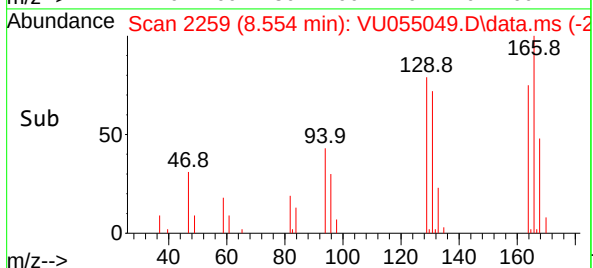
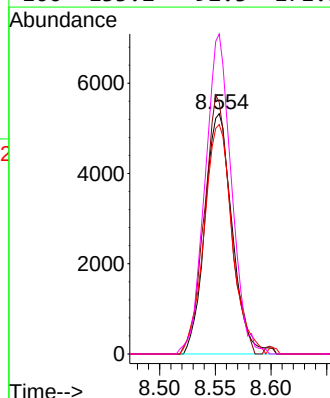
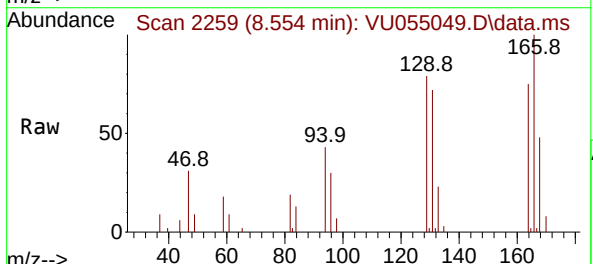
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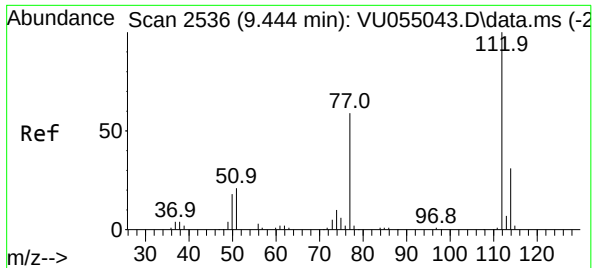
Tgt Ion: 95 Resp: 208235
Ion Ratio Lower Upper
95 100
97 65.8 44.7 83.1
132 92.8 66.6 123.6
130 95.1 66.5 123.5



#47
Tetrachloroethene
Concen: 1.117 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU055049.D
Acq: 01 Sep 2023 18:50

Tgt Ion: 164 Resp: 9092
Ion Ratio Lower Upper
164 100
129 104.8 69.2 128.6
131 95.5 68.8 127.8
166 133.2 92.3 171.5





#51
 Chlorobenzene
 Concen: 0.238 ug/L
 RT: 9.447 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU055049.D
 Acq: 01 Sep 2023 18:50

Instrument :
 MSVOA_U
 ClientSampleId :
 BH479

Tgt Ion:112	Resp:	7112
Ion	Ratio	Lower Upper
112	100	
114	37.0	21.7 40.3
77	59.8	48.6 72.8

