

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062024\
 Data File : VD079215.D
 Acq On : 20 Jun 2024 13:15
 Operator : RP/MD
 Sample : P2897-20
 Misc : 5.07G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 21 04:14:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 04:13:10 2024
 Response via : Initial Calibration

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

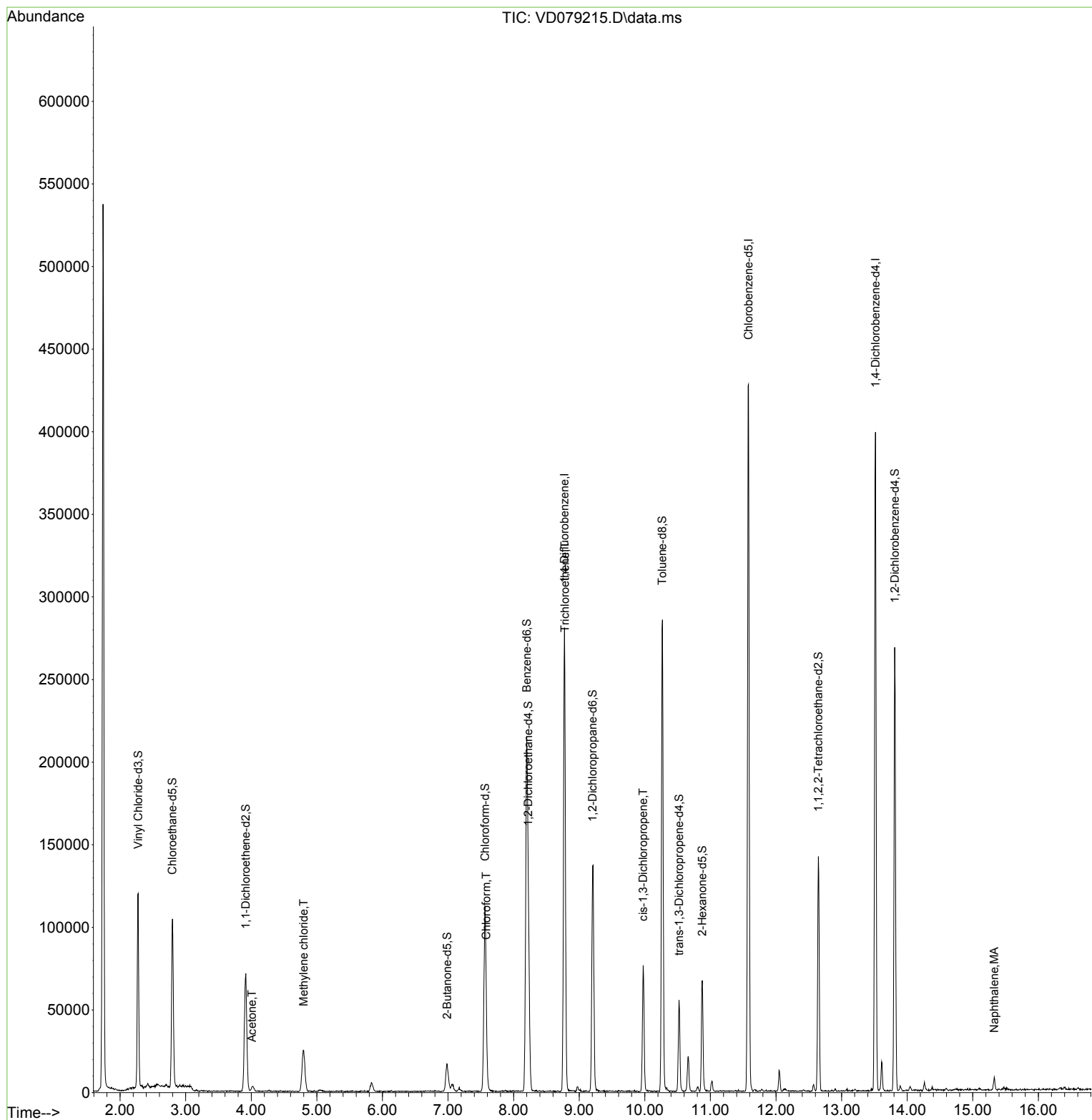
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	270298	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	273983	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	116918	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	111751	13.435	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.760%
7) Chloroethane-d5	2.799	69	110907	13.790	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.160%
11) 1,1-Dichloroethene-d2	3.917	65	20274	13.730	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.920%
21) 2-Butanone-d5	6.987	46	27347	42.984	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.960%
24) Chloroform-d	7.563	84	117712	15.575	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	62.320%
26) 1,2-Dichloroethane-d4	8.222	65	62710	17.987	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.960%
32) Benzene-d6	8.199	84	237869	15.661	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	62.640%
36) 1,2-Dichloropropane-d6	9.205	67	74221	16.964	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	67.840%#
41) Toluene-d8	10.263	98	213091	14.984	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	59.920%
43) trans-1,3-Dichloroprop...	10.522	79	32077	17.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.760%
47) 2-Hexanone-d5	10.875	63	24291	42.947	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.900%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	75440	19.467	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.880%
66) 1,2-Dichlorobenzene-d4	13.810	152	78039	19.340	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.360%
Target Compounds						Qvalue
13) Acetone	4.011	43	2221	2.411	ug/L	91
16) Methylene chloride	4.799	84	22187	4.607	ug/L	90
25) Chloroform	7.581	83	3445	0.466	ug/L	90
34) Trichloroethene	8.781	95	6552	1.559	ug/L #	1
39) cis-1,3-Dichloropropene	9.975	75	1986	0.318	ug/L #	51
71) Naphthalene	15.328	128	8207	1.128	ug/L	98

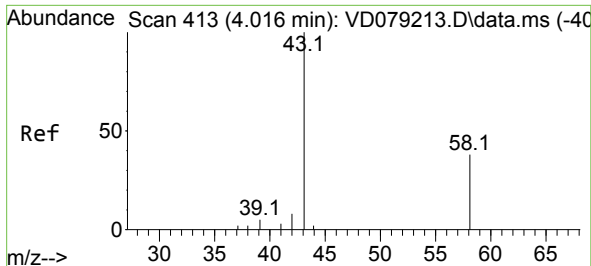
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.411 ug/L

RT: 4.011 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD079215.D

Acq: 20 Jun 2024 13:15

Instrument :

MSVOA_D

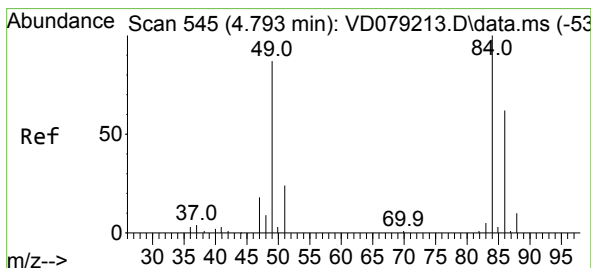
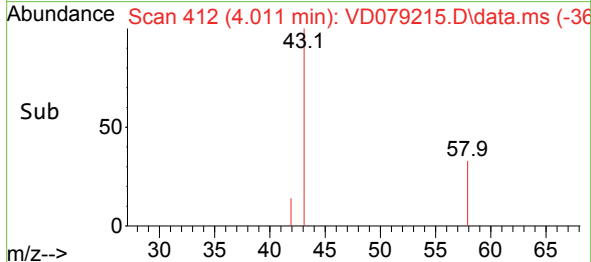
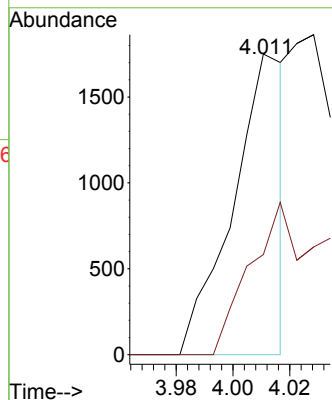
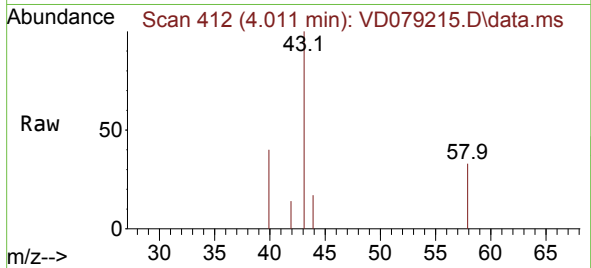
ClientSampleId :

Tgt Ion: 43 Resp: 2221

Ion Ratio Lower Upper

43 100

58 44.6 0.0 78.2



#16

Methylene chloride

Concen: 4.607 ug/L

RT: 4.799 min Scan# 546

Delta R.T. 0.006 min

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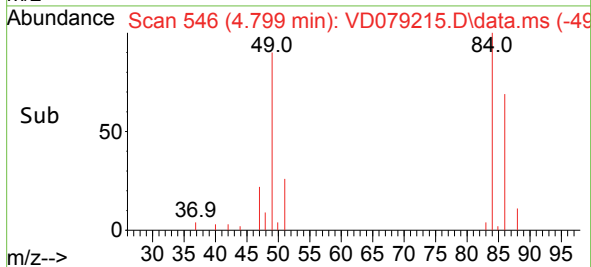
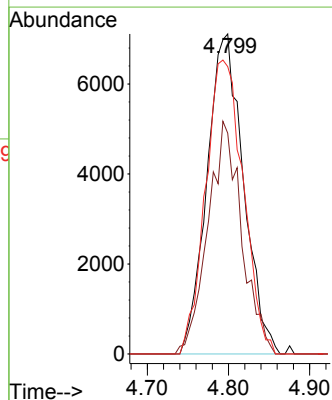
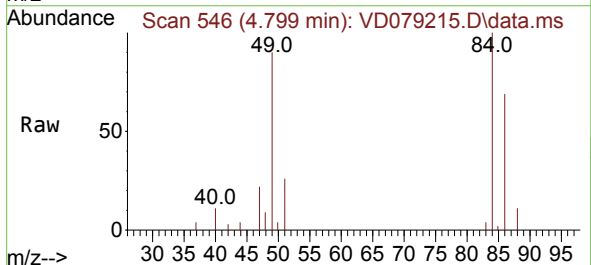
Tgt Ion: 84 Resp: 22187

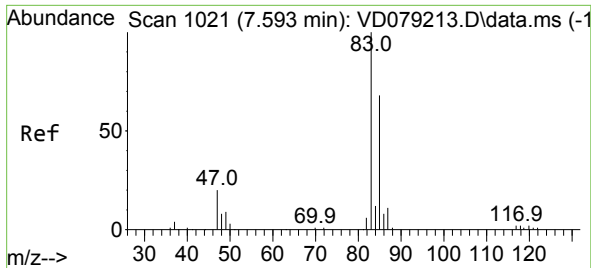
Ion Ratio Lower Upper

84 100

86 69.0 40.9 76.0

49 89.8 67.5 125.3

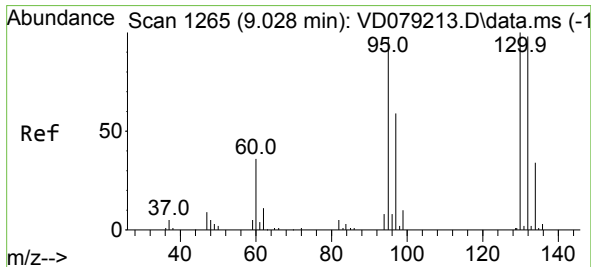
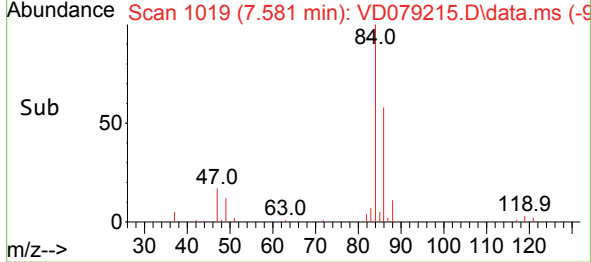
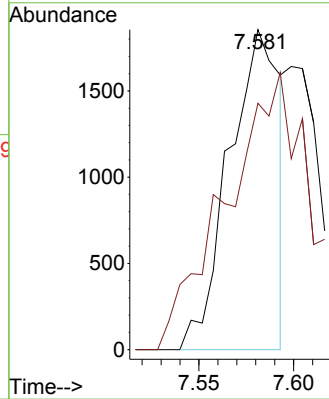
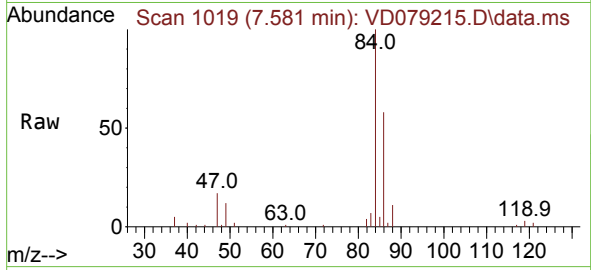




#25
Chloroform
Concen: 0.466 ug/L
RT: 7.581 min Scan# 1019
Delta R.T. -0.012 min
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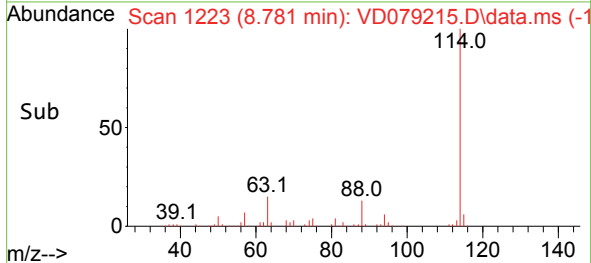
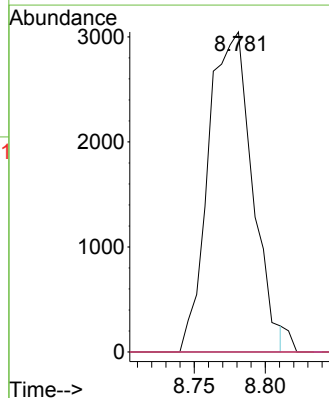
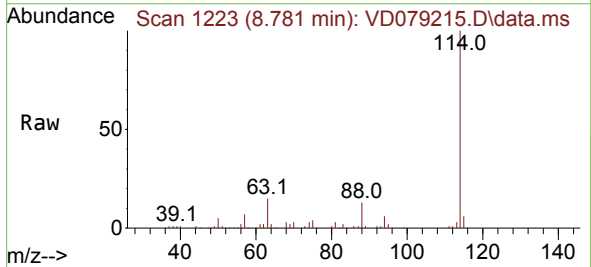
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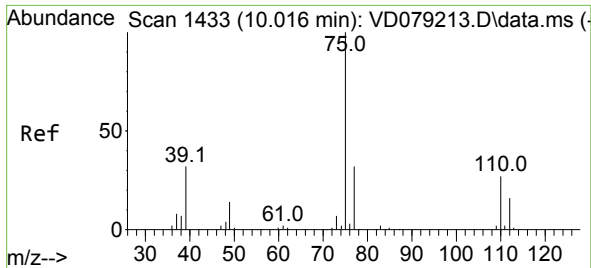
Tgt Ion: 83 Resp: 3445
Ion Ratio Lower Upper
83 100
85 77.0 47.9 89.1



#34
Trichloroethene
Concen: 1.559 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD079215.D
Acq: 20 Jun 2024 13:15

Tgt Ion: 95 Resp: 6552
Ion Ratio Lower Upper
95 100
97 0.0 44.6 82.8#
132 0.0 74.9 139.1#
130 0.0 78.0 144.8#

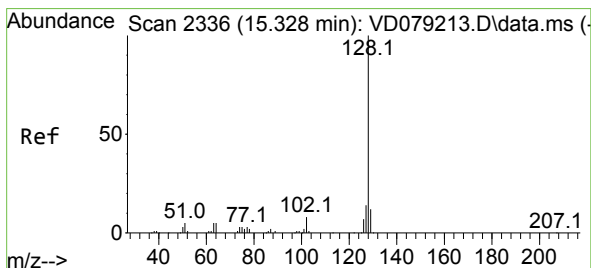
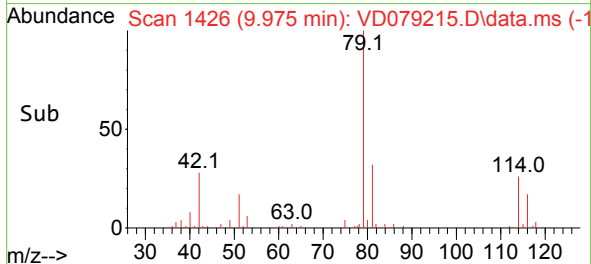
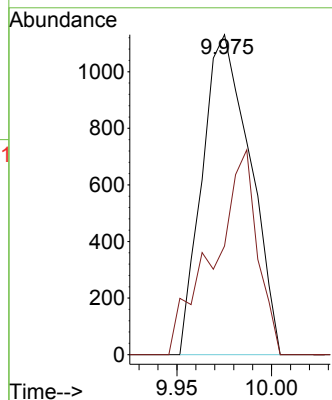
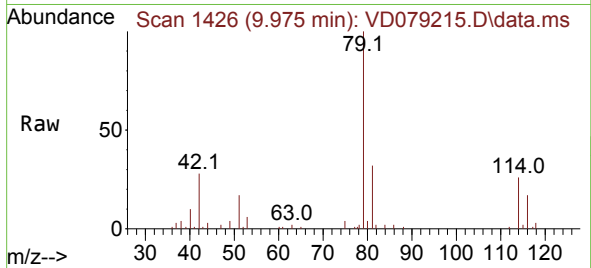




#39
cis-1,3-Dichloropropene
Concen: 0.318 ug/L
RT: 9.975 min Scan# 1433
Delta R.T. -0.041 min
Lab File: VD079215.D
Acq: 20 Jun 2024 13:15

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 1986
Ion Ratio Lower Upper
75 100
77 61.3 23.4 43.4#



#71
Naphthalene
Concen: 1.128 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD079215.D
Acq: 20 Jun 2024 13:15

Tgt Ion: 128 Resp: 8207
Ion Ratio Lower Upper
128 100
127 12.2 10.8 16.2
129 10.5 8.5 12.7

