

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091324\
 Data File : VD079837.D
 Acq On : 13 Sep 2024 16:25
 Operator : RP/MD
 Sample : P3993-08
 Misc : 4.96G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 13 23:52:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 13 23:49:48 2024
 Response via : Initial Calibration

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

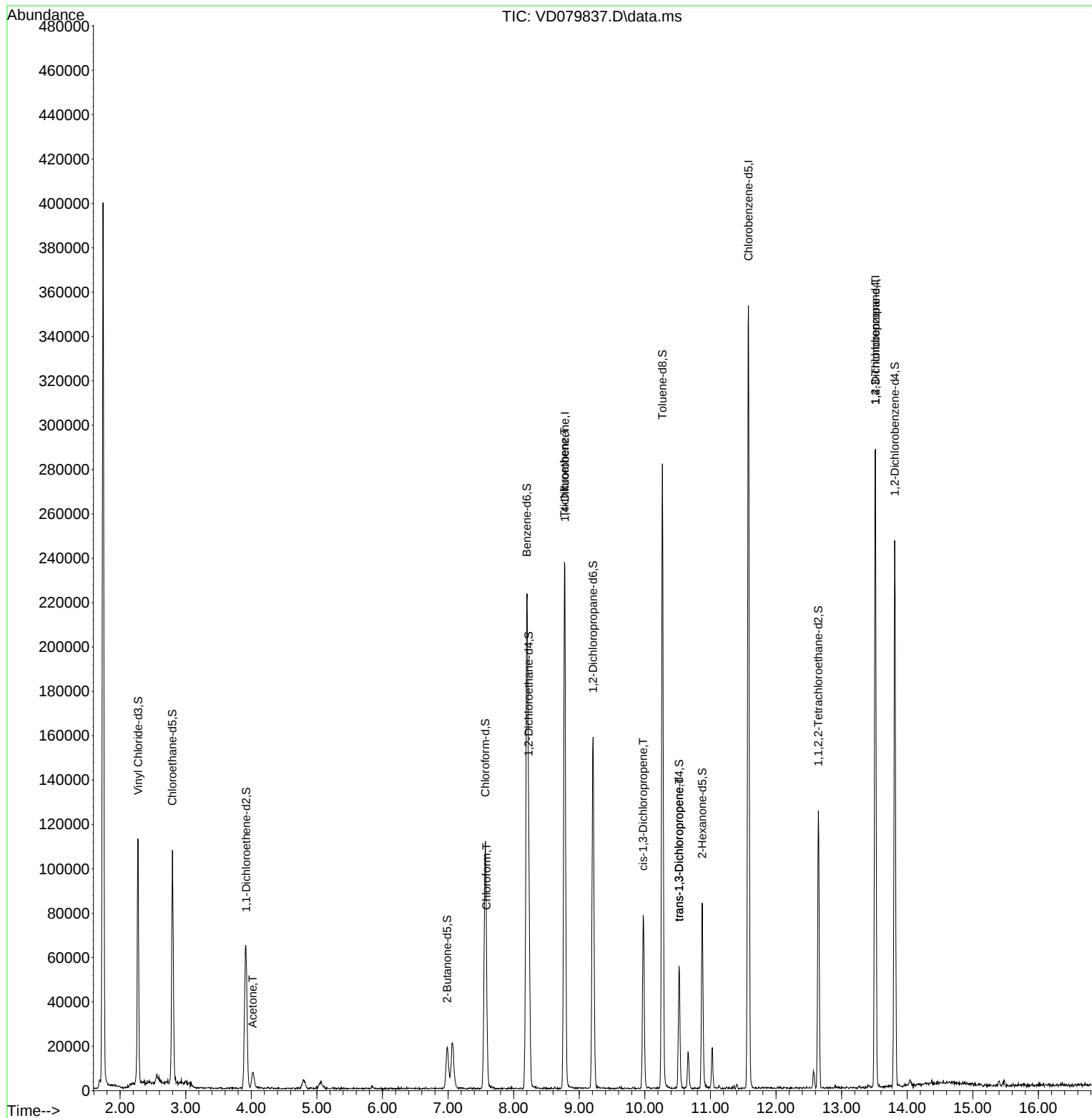
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	205137	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	201571	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	76656	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	105886	11.870	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.480%
7) Chloroethane-d5	2.799	69	103139	14.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.400%
11) 1,1-Dichloroethene-d2	3.922	65	20309	12.540	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.160%
21) 2-Butanone-d5	6.987	46	32953	39.761	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.520%
24) Chloroform-d	7.569	84	116578	17.288	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.160%
26) 1,2-Dichloroethane-d4	8.228	65	67385	19.110	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.440%
32) Benzene-d6	8.199	84	224169	15.752	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	63.000%
36) 1,2-Dichloropropane-d6	9.210	67	80017	18.359	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.440%
41) Toluene-d8	10.269	98	193390	15.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	61.760%
43) trans-1,3-Dichloroprop...	10.522	79	31934	17.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.160%
47) 2-Hexanone-d5	10.875	63	27736	39.038	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.080%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	62657	19.563	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.240%
66) 1,2-Dichlorobenzene-d4	13.810	152	62315	21.556	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.240%
Target Compounds						Qvalue
13) Acetone	4.022	43	13760	13.618	ug/L	61
25) Chloroform	7.587	83	3068	0.447	ug/L	97
34) Trichloroethene	8.775	95	5963	1.719	ug/L #	8
39) cis-1,3-Dichloropropene	9.975	75	2299	0.400	ug/L	90
44) trans-1,3-Dichloropropene	10.522	75	1708	0.337	ug/L #	47
61) 1,2,3-Trichloropropane	13.516	75	10728	5.694	ug/L #	68

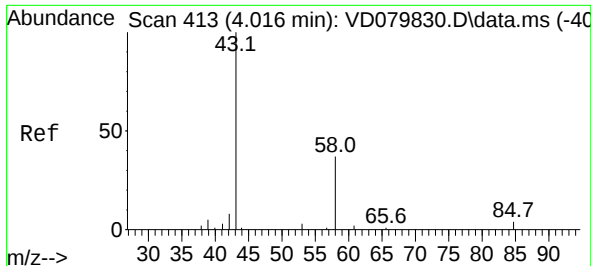
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Sep 13 23:49:48 2024
Response via : Initial Calibration





#13

Acetone

Concen: 13.618 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD079837.D

Acq: 13 Sep 2024 16:25

Instrument :

MSVOA_D

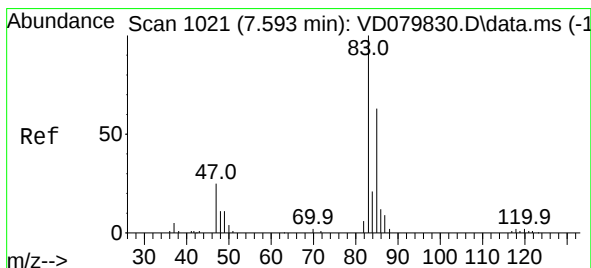
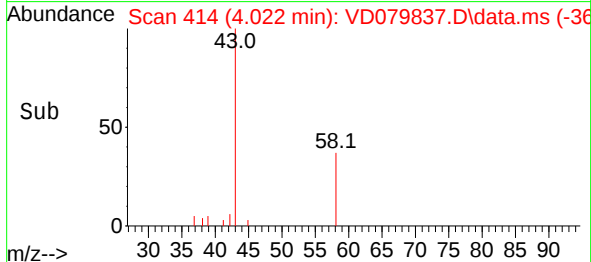
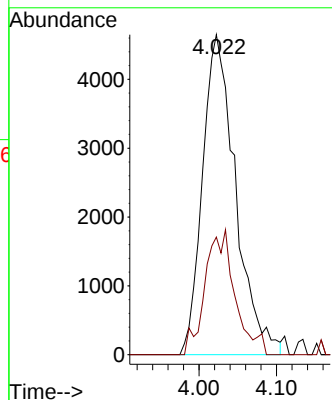
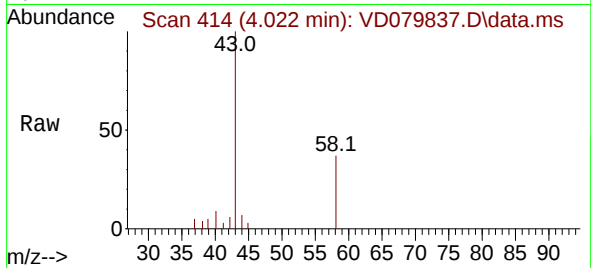
ClientSampleId :

Tgt Ion: 43 Resp: 13760

Ion Ratio Lower Upper

43 100

58 14.4 0.0 75.8



#25

Chloroform

Concen: 0.447 ug/L

RT: 7.587 min Scan# 1020

Delta R.T. -0.006 min

Lab File: VD079837.D

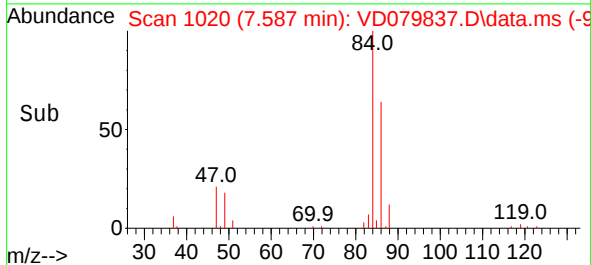
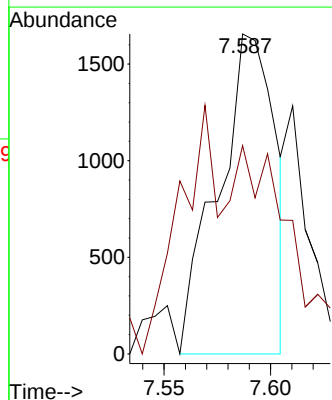
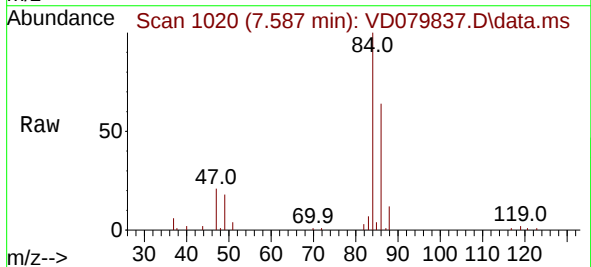
Acq: 13 Sep 2024 16:25

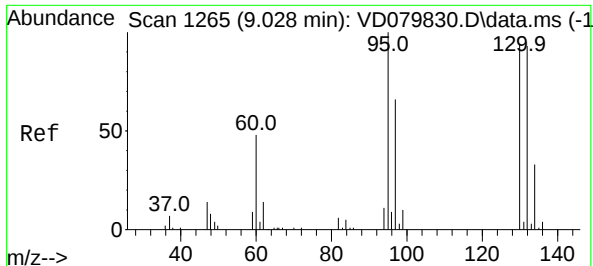
Tgt Ion: 83 Resp: 3068

Ion Ratio Lower Upper

83 100

85 65.1 47.3 87.9





#34

Trichloroethene

Concen: 1.719 ug/L

RT: 8.775 min Scan# 1422

Delta R.T. -0.253 min

Lab File: VD079837.D

Acq: 13 Sep 2024 16:25

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 5963

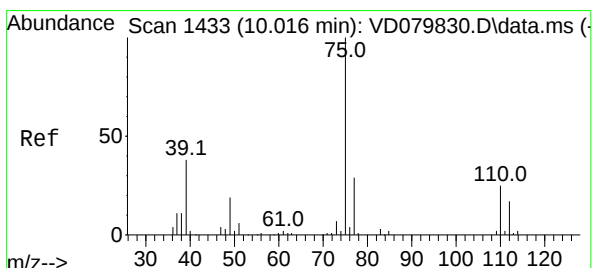
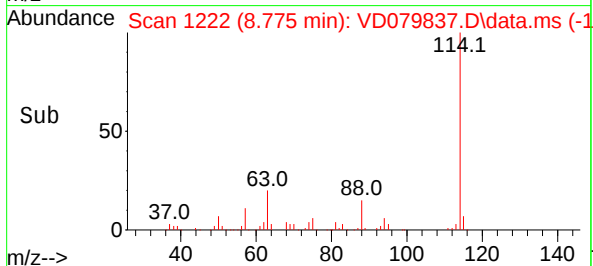
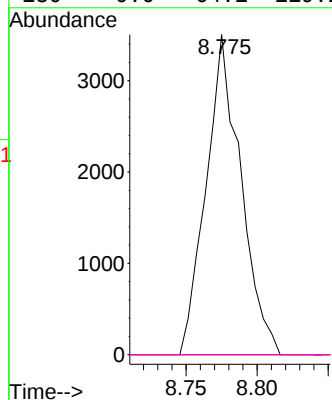
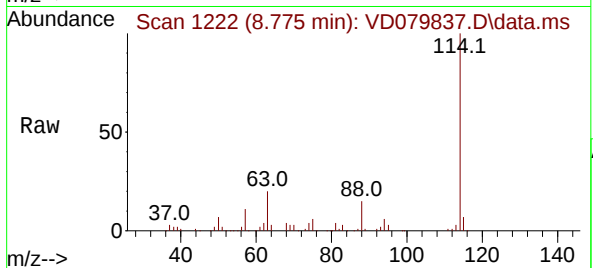
Ion Ratio Lower Upper

95 100

97 0.0 43.5 80.7#

132 0.0 64.5 119.7#

130 0.0 64.1 119.1#



#39

cis-1,3-Dichloropropene

Concen: 0.400 ug/L

RT: 9.975 min Scan# 1426

Delta R.T. -0.041 min

Lab File: VD079837.D

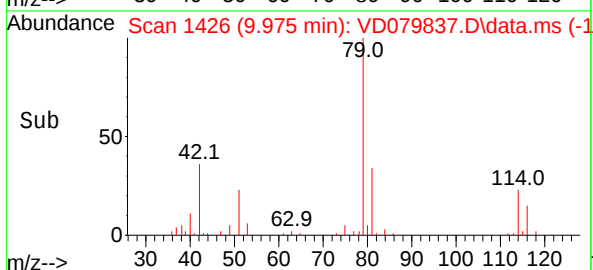
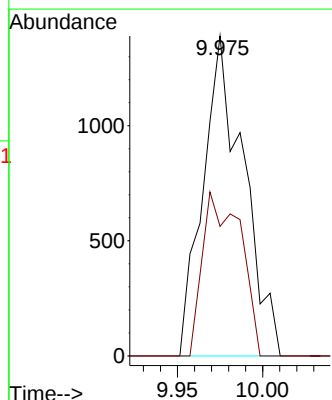
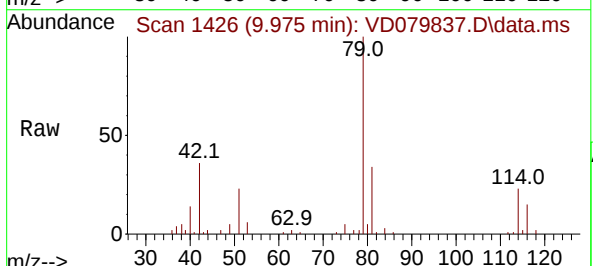
Acq: 13 Sep 2024 16:25

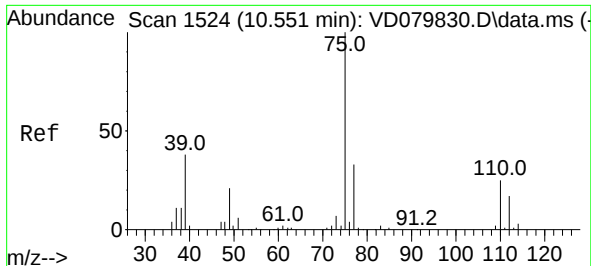
Tgt Ion: 75 Resp: 2299

Ion Ratio Lower Upper

75 100

77 40.5 24.1 44.8





#44

trans-1,3-Dichloropropene

Concen: 0.337 ug/L

RT: 10.522 min Scan# 1

Delta R.T. -0.029 min

Lab File: VD079837.D

Acq: 13 Sep 2024 16:25

Instrument :

MSVOA_D

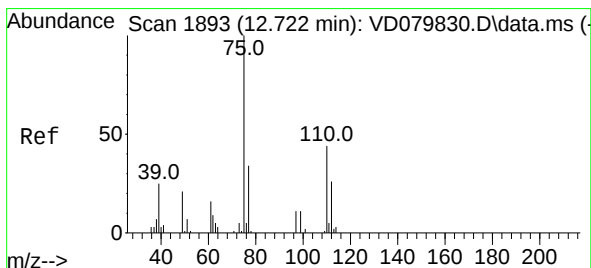
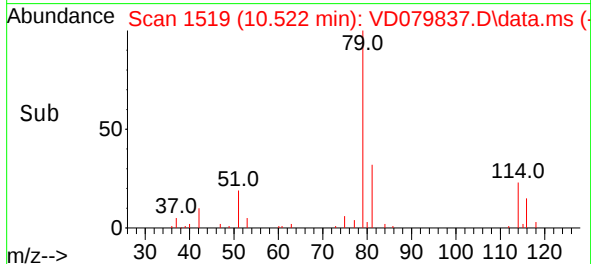
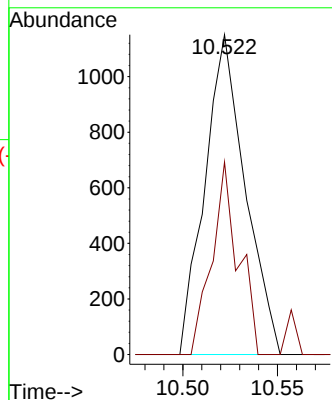
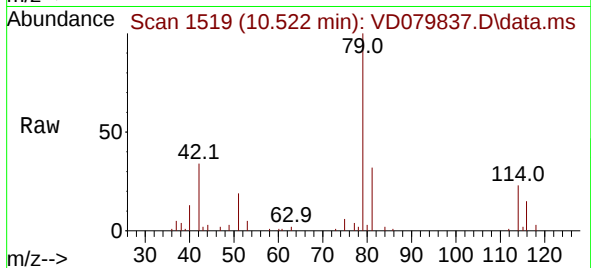
ClientSampleId :

Tgt Ion: 75 Resp: 1708

Ion Ratio Lower Upper

75 100

77 60.2 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 5.694 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.794 min

Lab File: VD079837.D

Acq: 13 Sep 2024 16:25

Tgt Ion: 75 Resp: 10728

Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7

110 3.2 30.1 45.1#

