

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075878.D
 Acq On : 28 Apr 2023 10:28
 Operator : KP/SY
 Sample : VD0428SBL01
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VBLK119

Quant Time: Apr 29 02:56:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 29 02:40:46 2023
 Response via : Initial Calibration

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

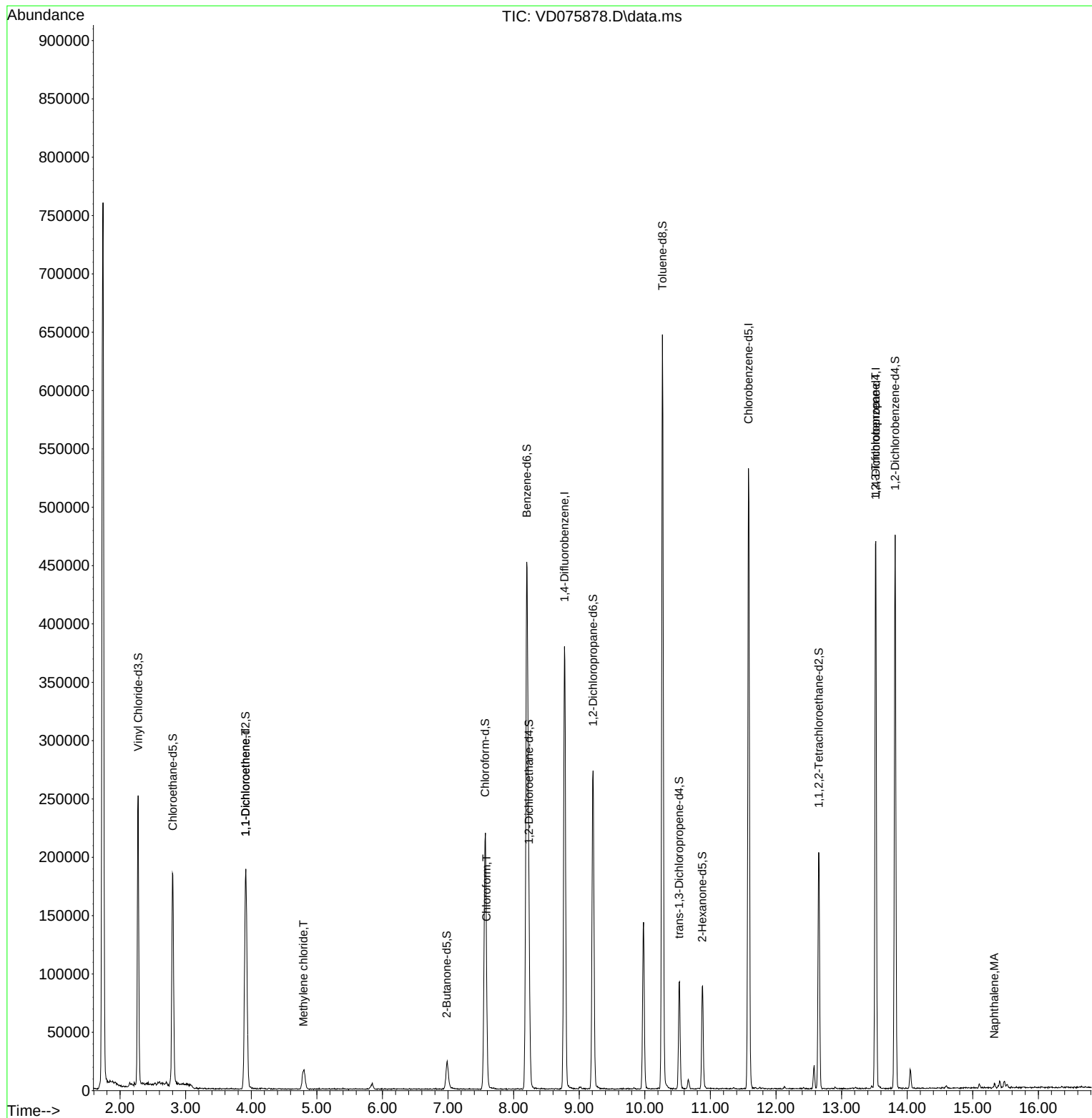
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	383975	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	348818	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	140032	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	239253	28.403	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.600%
7) Chloroethane-d5	2.805	69	204016	28.032	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.120%
11) 1,1-Dichloroethene-d2	3.911	65	51816	26.682	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	106.720%
21) 2-Butanone-d5	6.981	46	37344	51.068	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.140%
24) Chloroform-d	7.563	84	239822	24.976	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.920%
26) 1,2-Dichloroethane-d4	8.234	65	107494	26.215	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.880%
32) Benzene-d6	8.199	84	521463	25.649	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	9.210	67	147478	26.207	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.840%
41) Toluene-d8	10.269	98	476153	25.017	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.080%
43) trans-1,3-Dichloroprop...	10.522	79	56785	24.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.640%
47) 2-Hexanone-d5	10.875	63	33350	49.220	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.440%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	107685	25.007	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.040%
66) 1,2-Dichlorobenzene-d4	13.816	152	138699	28.002	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.911	96	1678	0.332	ug/L #	1
16) Methylene chloride	4.793	84	15761	2.023	ug/L	91
25) Chloroform	7.587	83	3954	0.425	ug/L	96
61) 1,2,3-Trichloropropane	13.516	75	15569	7.078	ug/L #	61
71) Naphthalene	15.328	128	3707	0.410	ug/L #	83

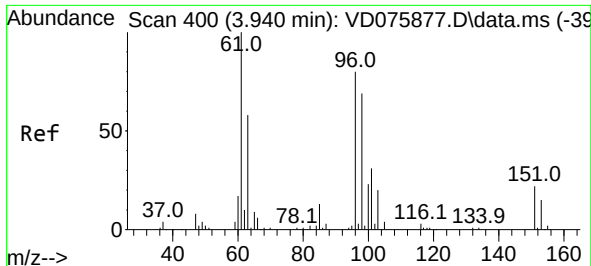
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VBLK119

Quant Time: Apr 29 02:56:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Apr 29 02:40:46 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.332 ug/L

RT: 3.911 min Scan# 395

Delta R.T. -0.029 min

Lab File: VD075878.D

Acq: 28 Apr 2023 10:28

Instrument :

MSVOA_D

ClientSampleId :

VBLK119

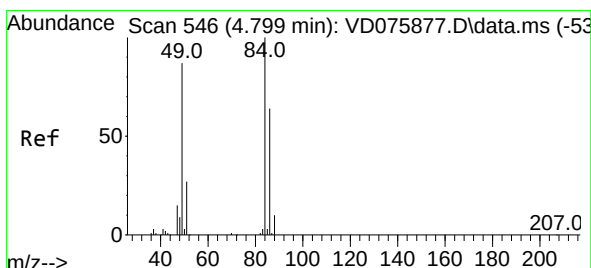
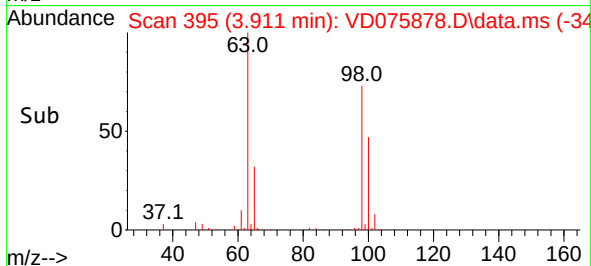
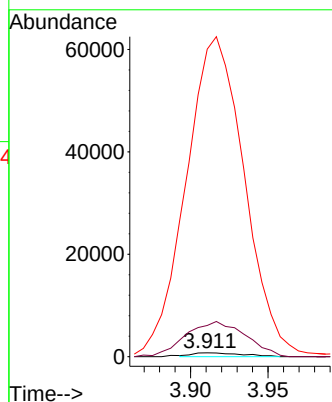
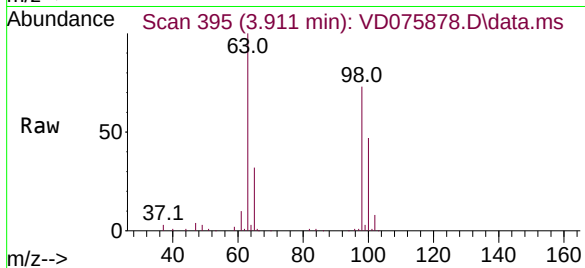
Tgt Ion: 96 Resp: 1678

Ion Ratio Lower Upper

96 100

61 821.7 92.6 172.0#

63 8084.0 77.4 143.8#



#16

Methylene chloride

Concen: 2.023 ug/L

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD075878.D

Acq: 28 Apr 2023 10:28

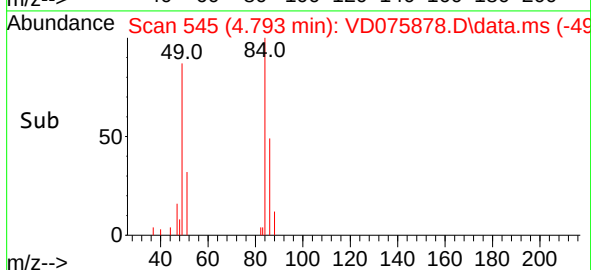
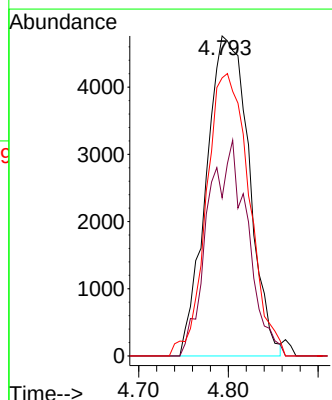
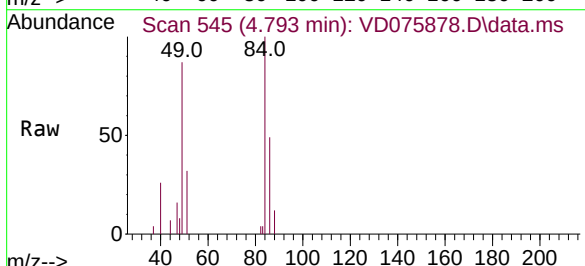
Tgt Ion: 84 Resp: 15761

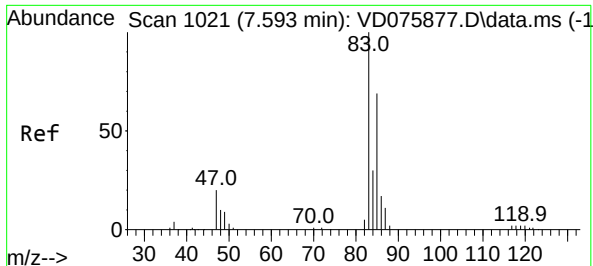
Ion Ratio Lower Upper

84 100

86 49.5 45.8 85.2

49 86.9 60.8 112.8





#25

Chloroform

Concen: 0.425 ug/L

RT: 7.587 min Scan# 1

Delta R.T. -0.006 min

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Instrument :

MSVOA_D

ClientSampleId :

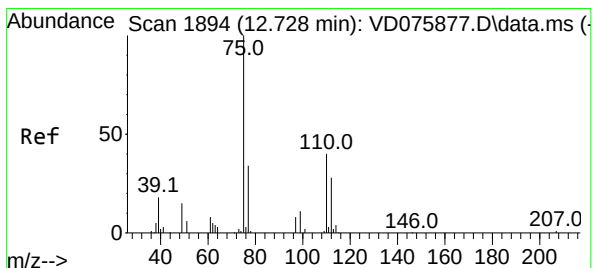
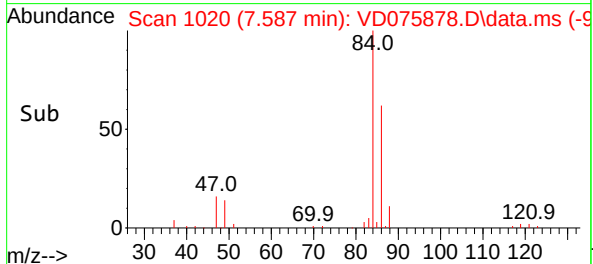
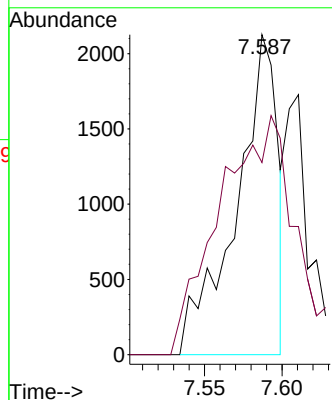
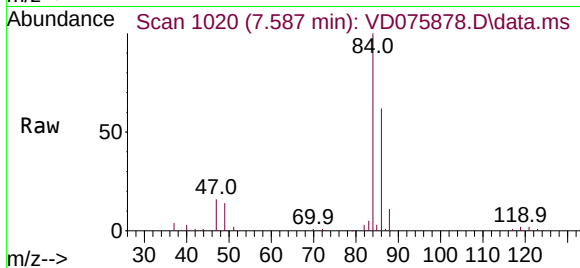
VBLK119

Tgt Ion: 83 Resp: 3954

Ion Ratio Lower Upper

83 100

85 60.1 44.4 82.5



#61

1,2,3-Trichloropropane

Concen: 7.078 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.788 min

Lab File: VD075878.D

Acq: 28 Apr 2023 10:28

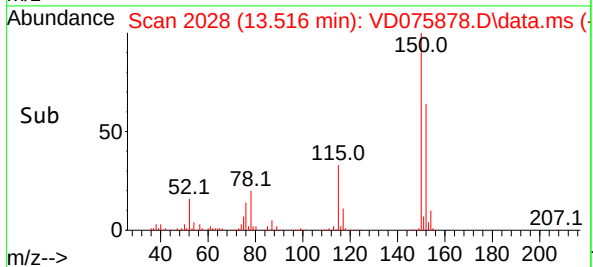
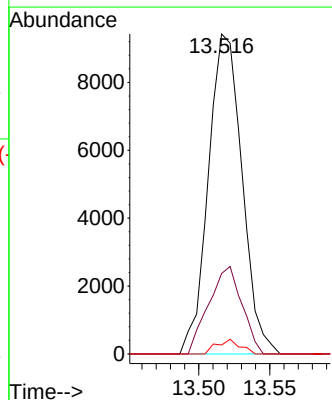
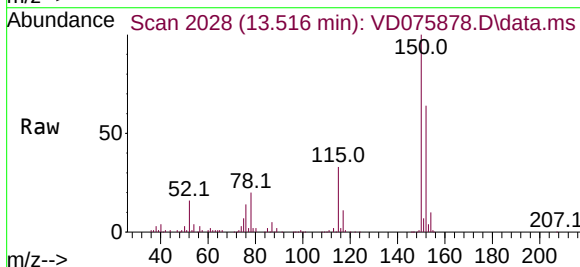
Tgt Ion: 75 Resp: 15569

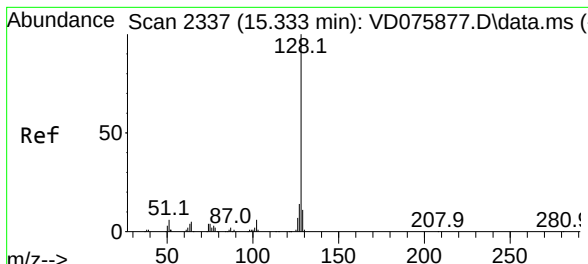
Ion Ratio Lower Upper

75 100

77 26.9 26.6 39.8

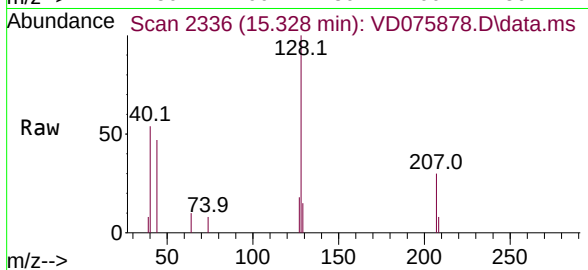
110 3.1 33.5 50.3#





#71
Naphthalene
Concen: 0.410 ug/L
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
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Acq: 28 Apr 2023 10:28

Instrument :
MSVOA_D
ClientSampleId :
VBLK119



Tgt Ion:128 Resp: 3707
Ion Ratio Lower Upper
128 100
127 8.4 10.5 15.7#
129 3.0 9.1 13.7#

