

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042123\
 Data File : VD075785.D
 Acq On : 21 Apr 2023 19:52
 Operator : KP/SY
 Sample : 02419-08
 Misc : 3.76G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW923

Quant Time: Apr 22 03:57:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 22 03:53:08 2023
 Response via : Initial Calibration

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

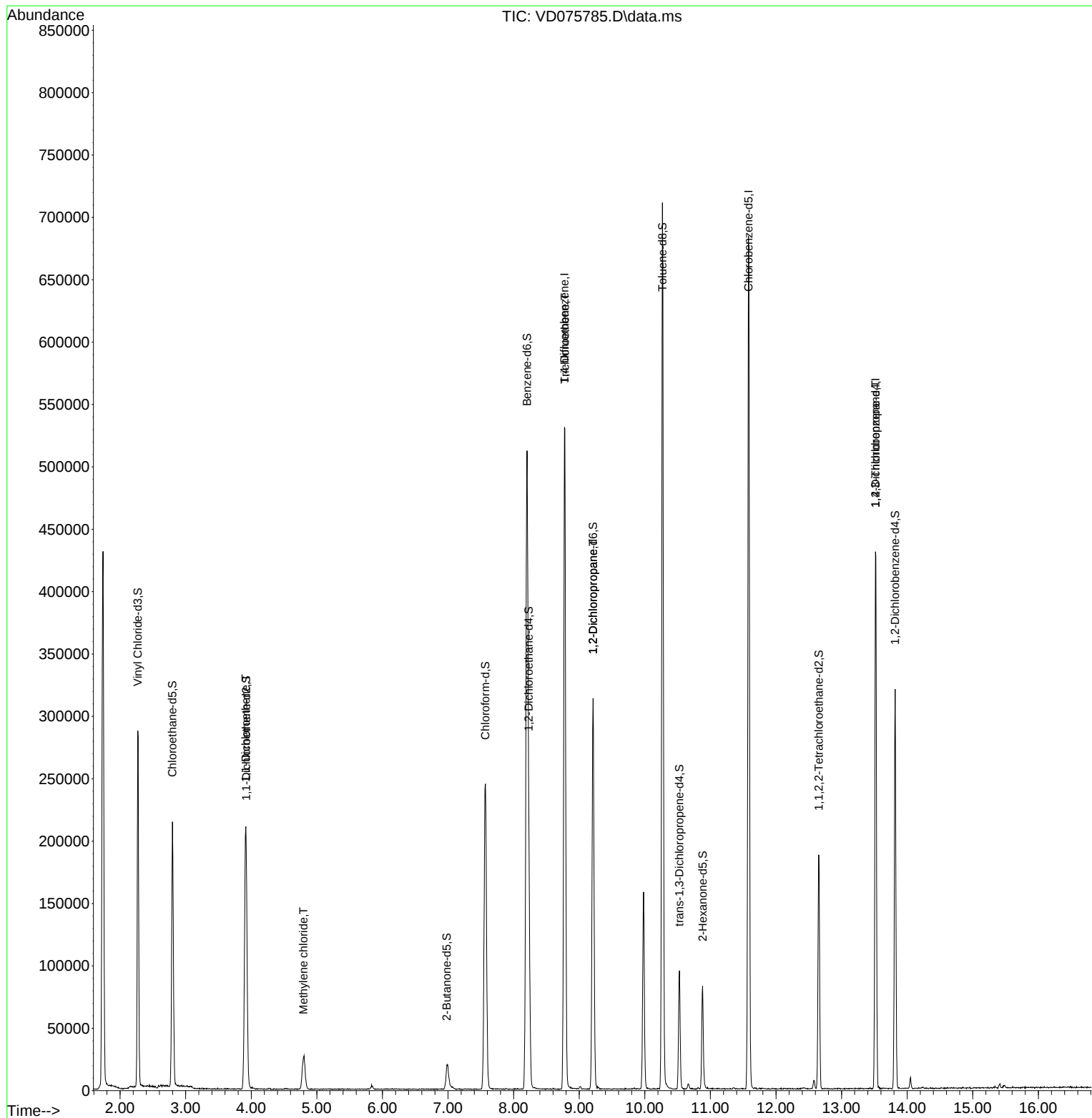
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	516715	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	438046	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	129926	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	270003	23.819	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.280%
7) Chloroethane-d5	2.799	69	228477	23.328	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.320%
11) 1,1-Dichloroethene-d2	3.922	65	59934	22.934	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.720%
21) 2-Butanone-d5	6.981	46	33245	33.784	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.560%
24) Chloroform-d	7.569	84	275460	21.318	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.280%
26) 1,2-Dichloroethane-d4	8.228	65	118130	21.408	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.640%
32) Benzene-d6	8.205	84	599664	23.487	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.960%
36) 1,2-Dichloropropane-d6	9.210	67	167447	23.695	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.760%
41) Toluene-d8	10.269	98	517340	21.644	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.560%
43) trans-1,3-Dichloroprop...	10.528	79	57341	19.631	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.520%
47) 2-Hexanone-d5	10.881	63	28339	33.305	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.620%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	103540	19.147	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.600%
66) 1,2-Dichlorobenzene-d4	13.816	152	90822	19.763	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.040%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	3.917	96	1718	0.253	ug/L #	1
16) Methylene chloride	4.793	84	23915	2.281	ug/L	92
34) Trichloroethene	8.781	95	13839	2.020	ug/L #	2
37) 1,2-Dichloropropane	9.210	63	16764	2.754	ug/L #	85
61) 1,2,3-Trichloropropane	13.516	75	14726	7.215	ug/L #	63

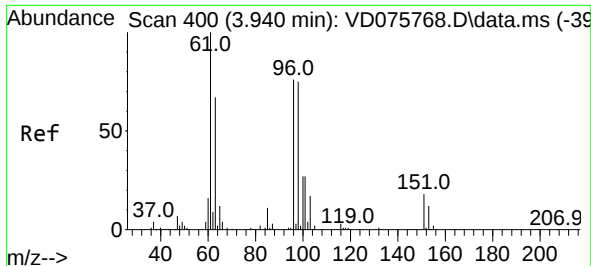
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Apr 22 03:53:08 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.253 ug/L

RT: 3.917 min Scan# 396

Delta R.T. -0.023 min

Lab File: VD075785.D

Acq: 21 Apr 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

EW923

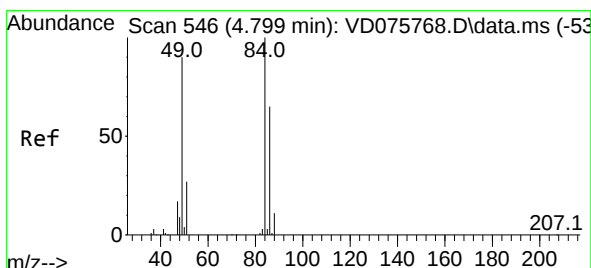
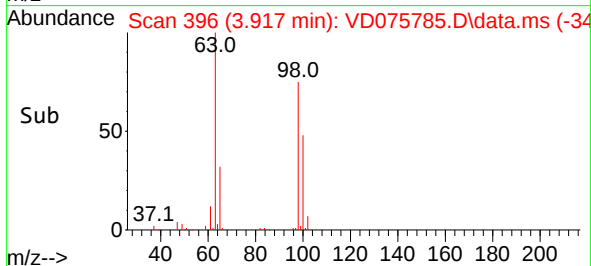
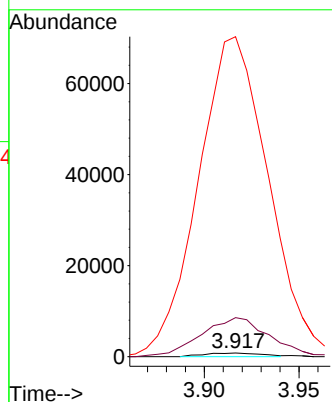
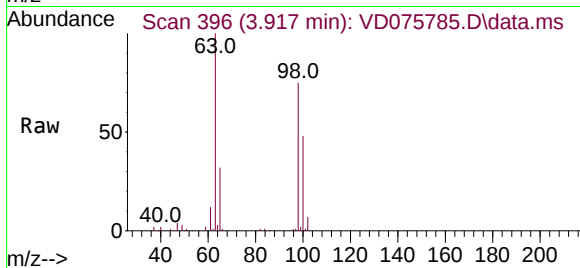
Tgt Ion: 96 Resp: 1718

Ion Ratio Lower Upper

96 100

61 1054.0 92.6 172.0#

63 8645.5 77.4 143.8#



#16

Methylene chloride

Concen: 2.281 ug/L

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD075785.D

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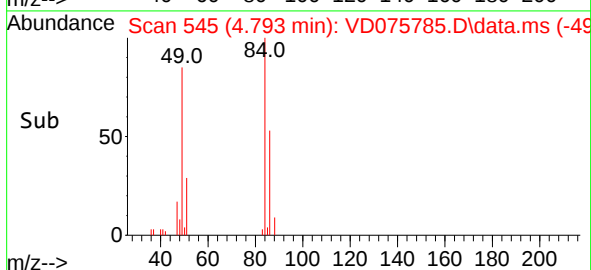
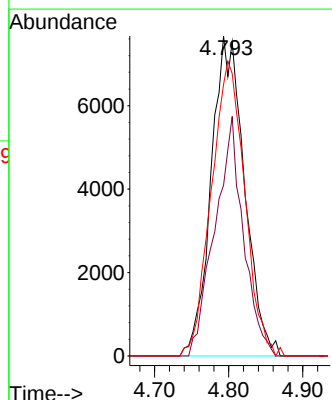
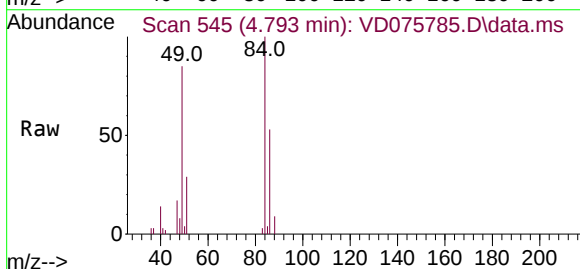
Tgt Ion: 84 Resp: 23915

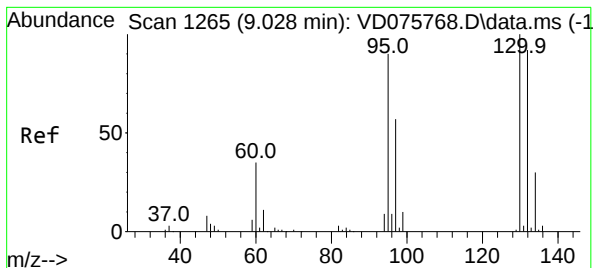
Ion Ratio Lower Upper

84 100

86 53.3 45.8 85.2

49 84.9 60.8 112.8





#34

Trichloroethene

Concen: 2.020 ug/L

RT: 8.781 min Scan# 1223

Delta R.T. -0.247 min

Lab File: VD075785.D

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Instrument :

MSVOA_D

ClientSampleId :

EW923

Tgt Ion: 95 Resp: 13839

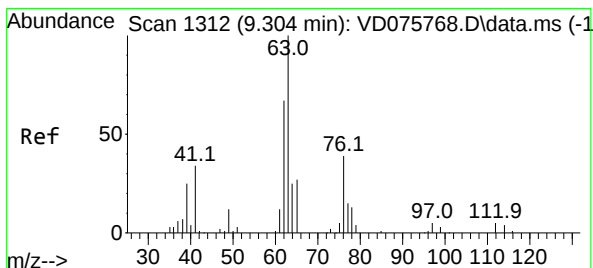
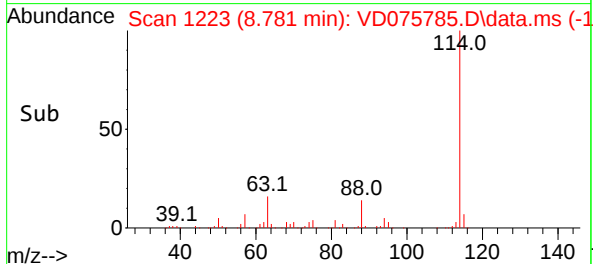
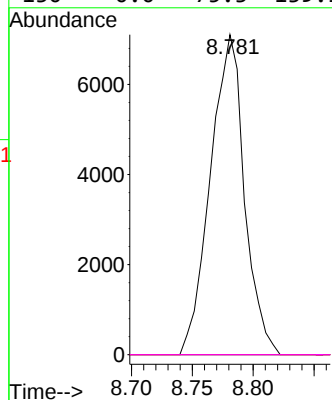
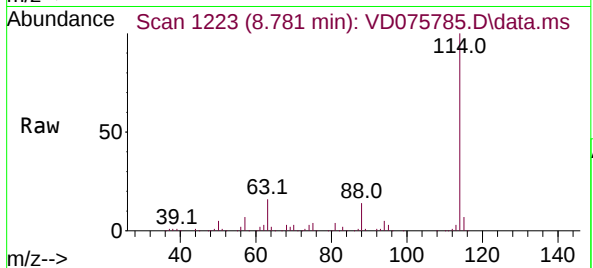
Ion Ratio Lower Upper

95 100

97 0.0 46.0 85.4#

132 0.0 73.3 136.1#

130 0.0 75.3 139.9#



#37

1,2-Dichloropropane

Concen: 2.754 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD075785.D

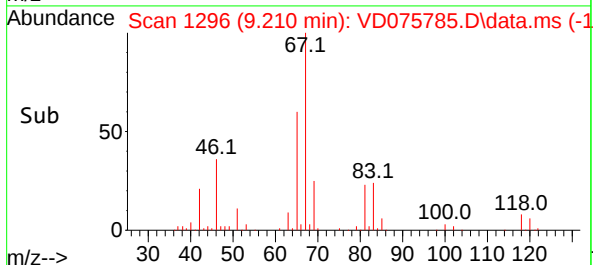
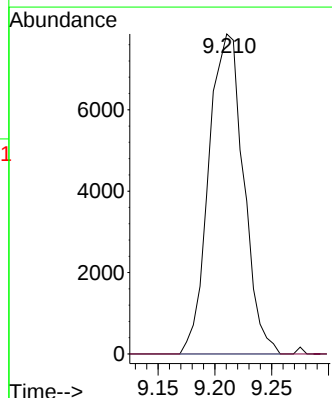
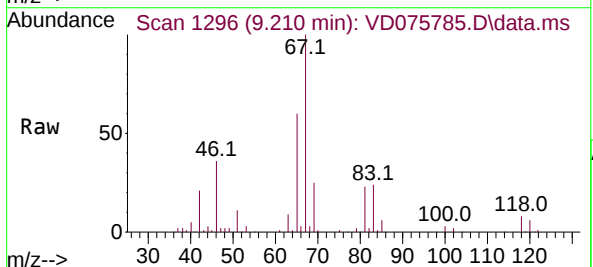
Acq: 21 Apr 2023 19:52

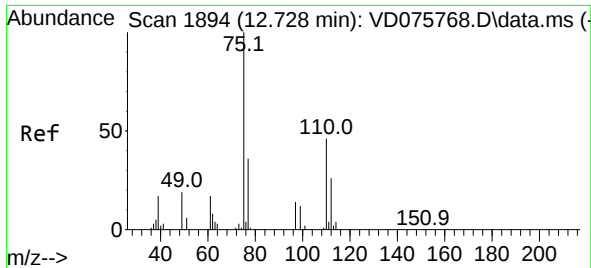
Tgt Ion: 63 Resp: 16764

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#61
 1,2,3-Trichloropropane
 Concen: 7.215 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD075785.D
 Acq: 21 Apr 2023 19:52

Instrument :
 MSVOA_D
 ClientSampleId :
 EW923

Tgt Ion: 75	Resp:	14726
Ion Ratio	Lower	Upper
75	100	
77	30.9	26.6 39.8
110	2.2	33.5 50.3#

