

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091423\
 Data File : VD077117.D
 Acq On : 14 Sep 2023 13:06
 Operator : JC/SY
 Sample : 04417-05
 Misc : 5.01G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 15 13:35:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:35:39 2023
 Response via : Initial Calibration

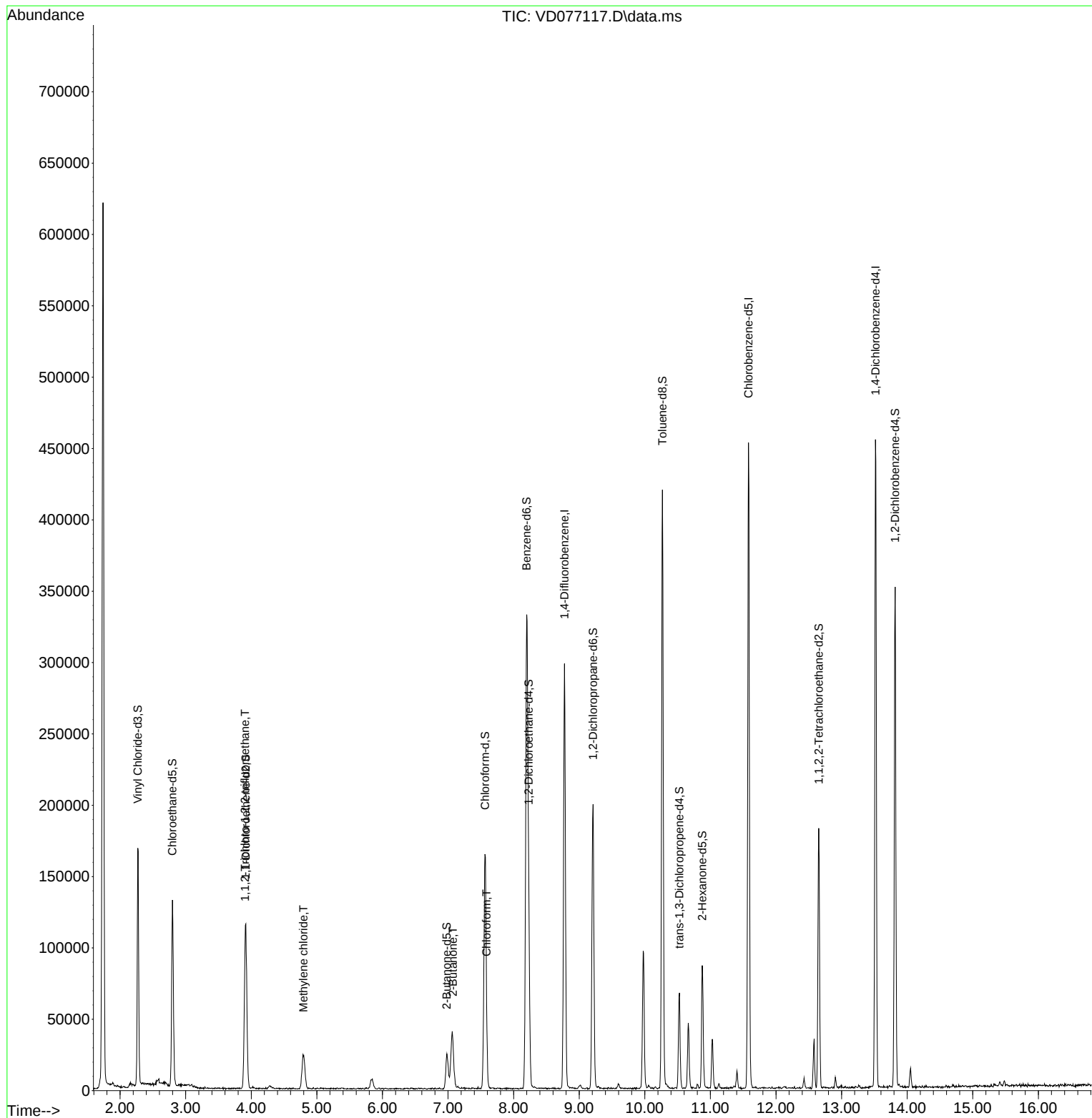
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	271907	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	281496	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	128506	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	155043	23.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.560%
7) Chloroethane-d5	2.799	69	135649	24.620	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.480%
11) 1,1-Dichloroethene-d2	3.917	65	32294	21.219	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.880%
21) 2-Butanone-d5	6.981	46	41404	49.054	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.100%
24) Chloroform-d	7.563	84	172828	23.229	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.920%
26) 1,2-Dichloroethane-d4	8.228	65	85944	24.372	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.480%
32) Benzene-d6	8.199	84	336175	21.623	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.480%
36) 1,2-Dichloropropane-d6	9.210	67	103294	23.167	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.680%
41) Toluene-d8	10.269	98	295455	20.760	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.040%
43) trans-1,3-Dichloroprop...	10.528	79	38751	19.075	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.280%
47) 2-Hexanone-d5	10.875	63	30441	42.747	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.500%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	95422	24.007	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.040%
66) 1,2-Dichlorobenzene-d4	13.816	152	97494	23.637	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.560%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	3.905	101	1296	0.323	ug/L	# 20
16) Methylene chloride	4.793	84	21353	3.859	ug/L	87
22) 2-Butanone	7.075	43	1254	0.858	ug/L	74
25) Chloroform	7.587	83	2762	0.369	ug/L	91

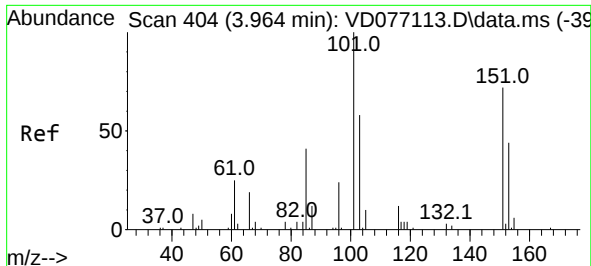
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.323 ug/L

RT: 3.905 min Scan# 394

Delta R.T. -0.059 min

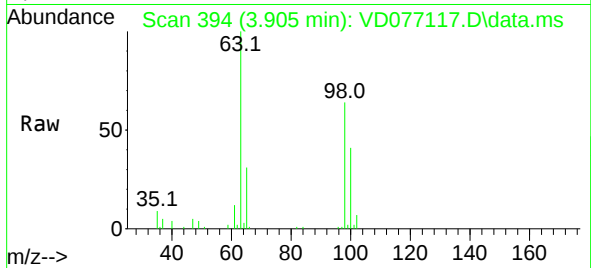
Lab File: VD077117.D

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Instrument :

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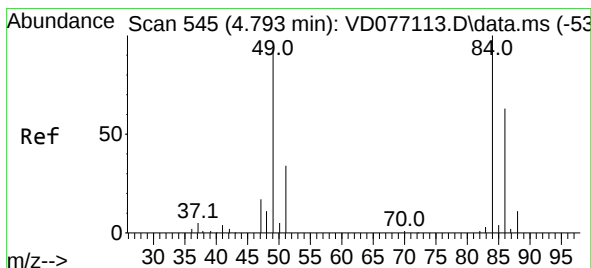
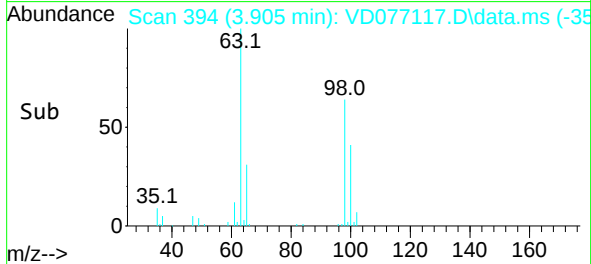
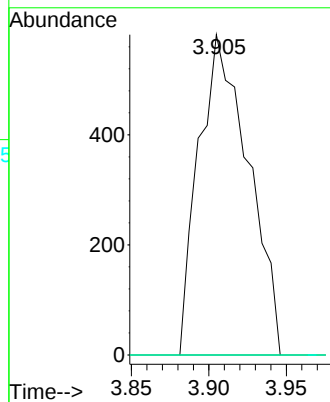
Tgt Ion:101 Resp: 1296

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.2#

151 0.0 59.6 89.4#



#16

Methylene chloride

Concen: 3.859 ug/L

RT: 4.793 min Scan# 545

Delta R.T. -0.012 min

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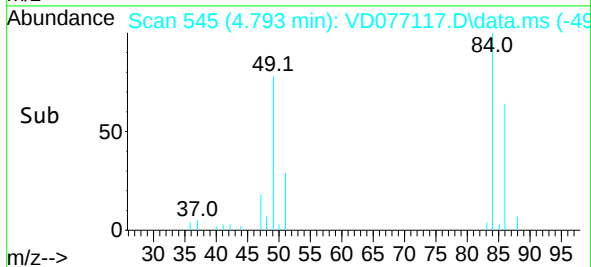
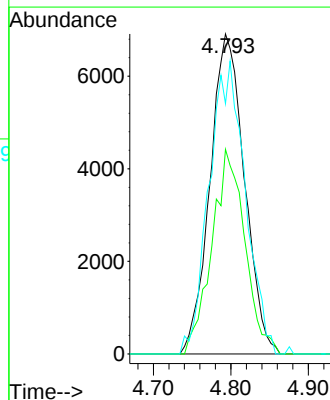
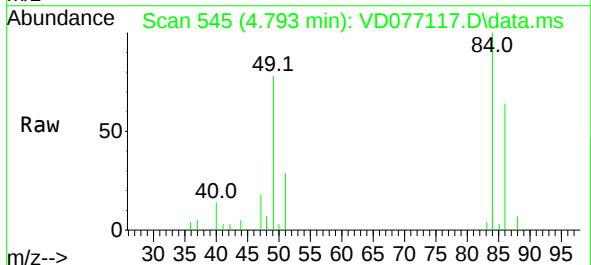
Tgt Ion: 84 Resp: 21353

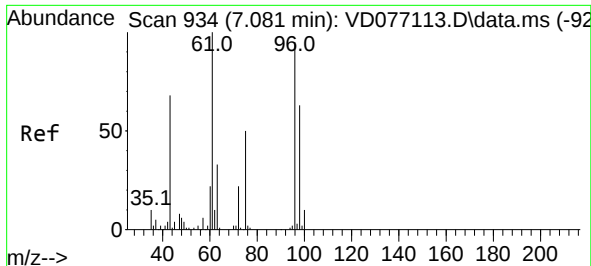
Ion Ratio Lower Upper

84 100

86 63.9 45.3 84.1

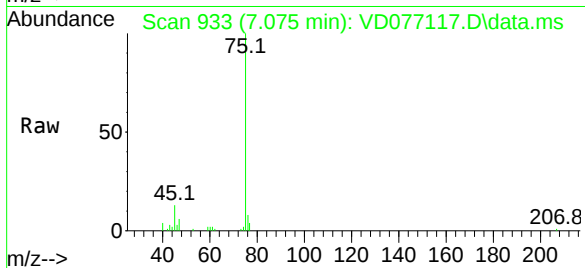
49 78.2 69.2 128.6



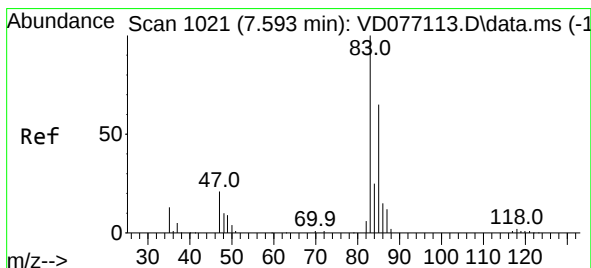
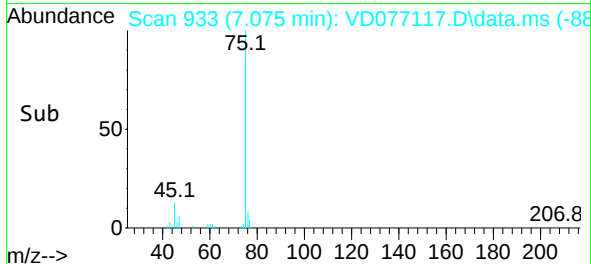
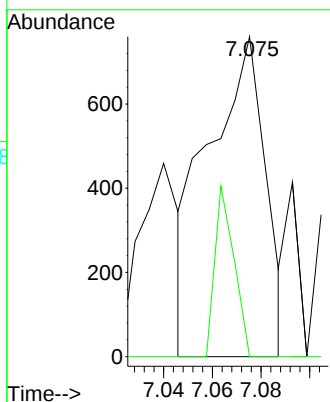


#22
2-Butanone
Concen: 0.858 ug/L
RT: 7.075 min Scan# 91
Delta R.T. 0.000 min
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Instrument :
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ClientSampleId :



Tgt Ion: 43 Resp: 1254
Ion Ratio Lower Upper
43 100
72 17.5 16.0 48.0



#25
Chloroform
Concen: 0.369 ug/L
RT: 7.587 min Scan# 1020
Delta R.T. -0.012 min
Lab File: VD077117.D
Acq: 14 Sep 2023 13:06

Tgt Ion: 83 Resp: 2762
Ion Ratio Lower Upper
83 100
85 59.2 46.2 85.8

