

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
 Data File : VD077195.D
 Acq On : 22 Sep 2023 11:30
 Operator : JC/SY
 Sample : 04469-05
 Misc : 4.87G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EZYM1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/25/2023
 Supervised By :Semsettin Yesilyurt 09/25/2023

Quant Time: Sep 22 23:42:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 23:41:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	279562	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	271299	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	111747	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	111506	16.187	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	64.760%		
7) Chloroethane-d5	2.799	69	66176	11.682	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	46.720%		
11) 1,1-Dichloroethene-d2	3.916	65	29002	18.534	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	74.120%		
21) 2-Butanone-d5	6.993	46	28708	33.081	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	66.160%		
24) Chloroform-d	7.569	84	93901	12.275	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	49.120%		
26) 1,2-Dichloroethane-d4	8.228	65	72940	20.118	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.480%		
32) Benzene-d6	8.204	84	287280	19.172	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	76.680%		
36) 1,2-Dichloropropane-d6	9.210	67	92298	21.479	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	85.920%		
41) Toluene-d8	10.269	98	226260	16.495	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	66.000%		
43) trans-1,3-Dichloroprop...	10.522	79	31686	16.183	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	64.720%		
47) 2-Hexanone-d5	10.881	63	18478	26.923	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	53.840%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	19390	5.062	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	20.240%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	54895	15.305	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	61.200%#		
Target Compounds						
14) Carbon disulfide	4.269	76	14587	1.200	ug/L	97
16) Methylene chloride	4.805	84	8209m	1.443	ug/L	
25) Chloroform	7.599	83	60298	7.836	ug/L	96
34) Trichloroethene	9.022	95	1920	0.444	ug/L #	78
46) Tetrachloroethene	10.810	164	36256	10.263	ug/L	96

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

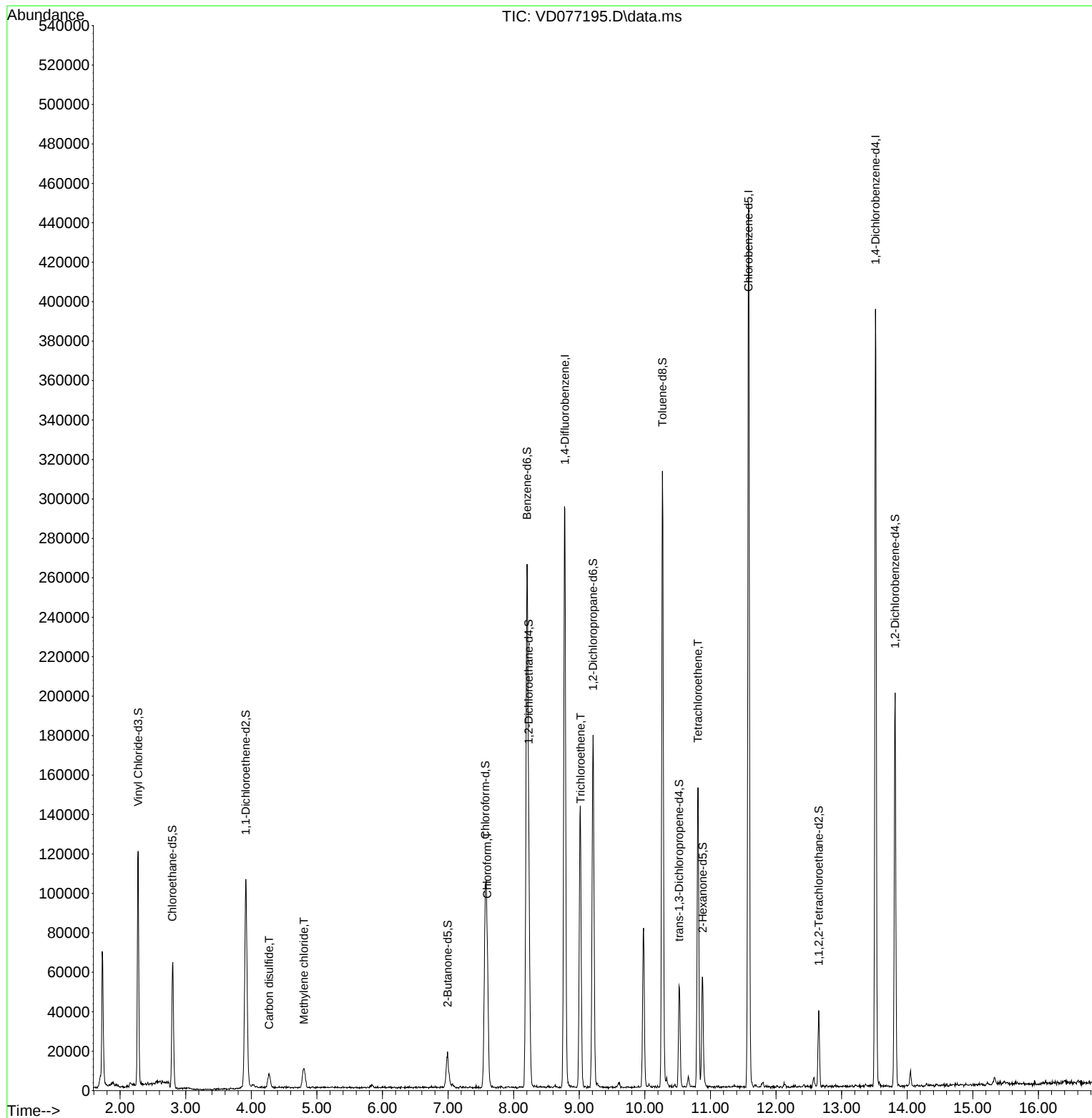
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077195.D
Acq On : 22 Sep 2023 11:30
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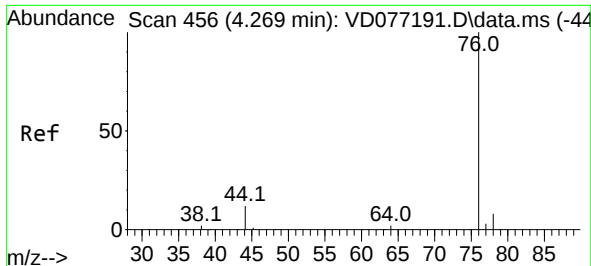
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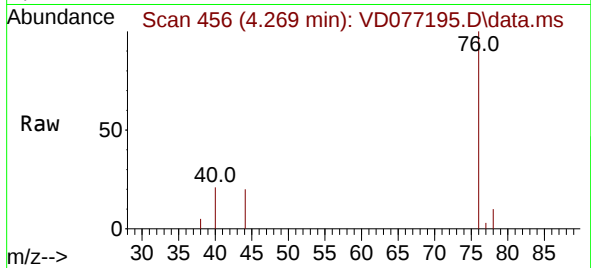
Quant Time: Sep 22 23:42:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 22 23:41:10 2023
Response via : Initial Calibration





#14
Carbon disulfide
Concen: 1.200 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077195.D
Acq: 22 Sep 2023 11:30

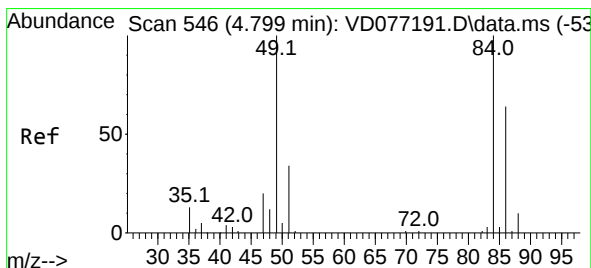
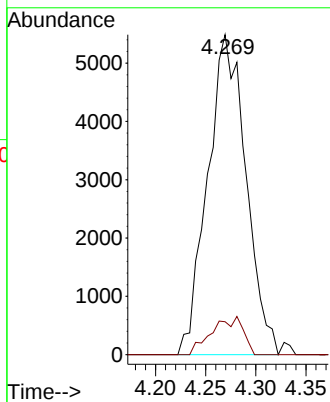
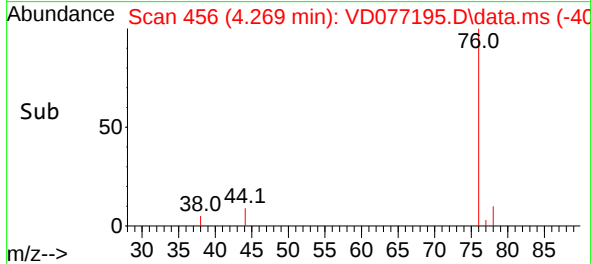
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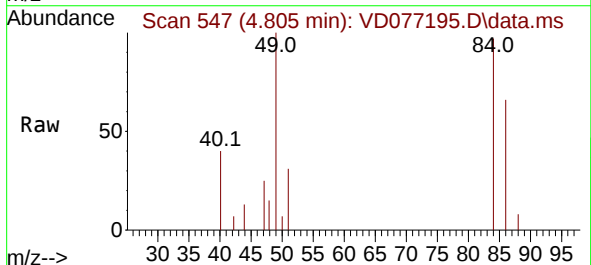
Tgt Ion: 76 Resp: 1458
Ion Ratio Lower Upper
76 100
78 10.3 7.5 11.3

Manual Integrations
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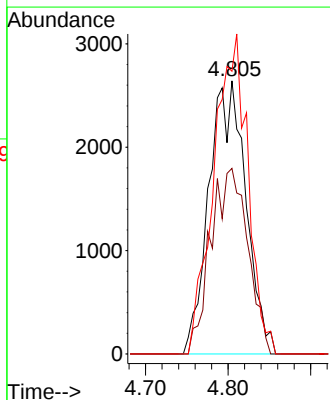
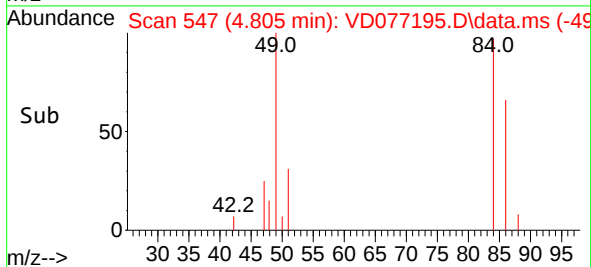
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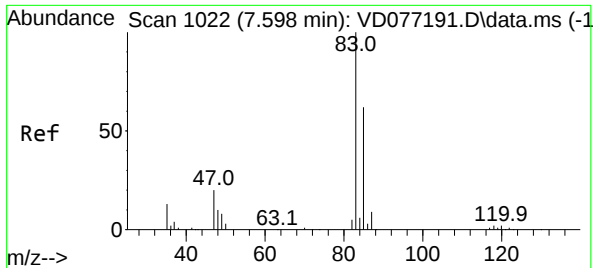


#16
Methylene chloride
Concen: 1.443 ug/L m
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD077195.D
Acq: 22 Sep 2023 11:30



Tgt Ion: 84 Resp: 8209
Ion Ratio Lower Upper
84 100
86 68.0 45.3 84.1
49 103.6 69.2 128.6





#25

Chloroform

Concen: 7.836 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD077195.D

Acq: 22 Sep 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

EZYM1

Tgt Ion: 83 Resp: 60298

Ion Ratio Lower Upper

83 100

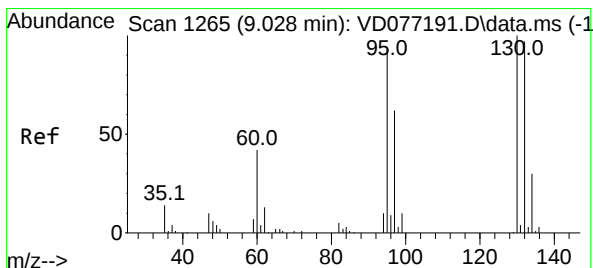
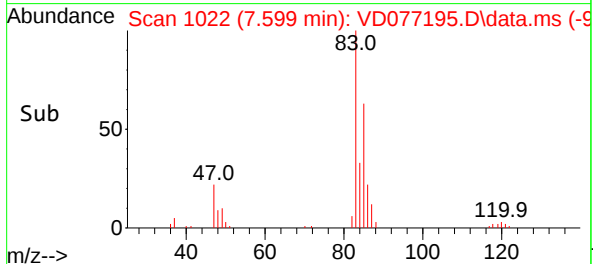
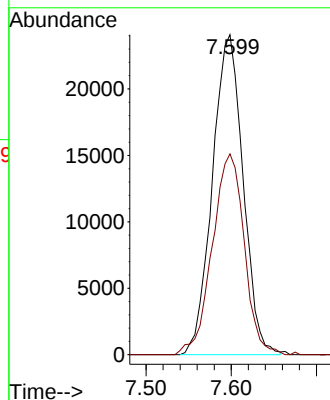
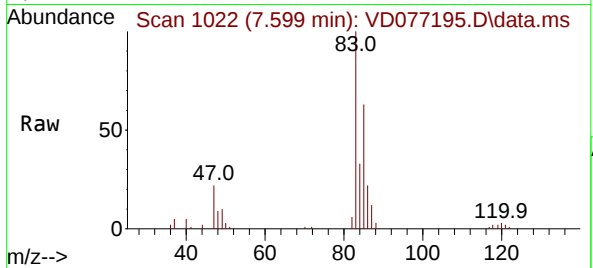
85 62.7 46.2 85.8

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#34

Trichloroethene

Concen: 0.444 ug/L

RT: 9.022 min Scan# 1264

Delta R.T. -0.006 min

Lab File: VD077195.D

Acq: 22 Sep 2023 11:30

Tgt Ion: 95 Resp: 1920

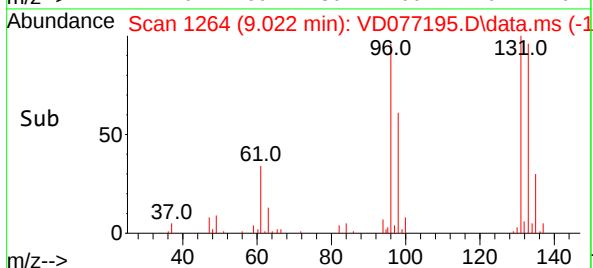
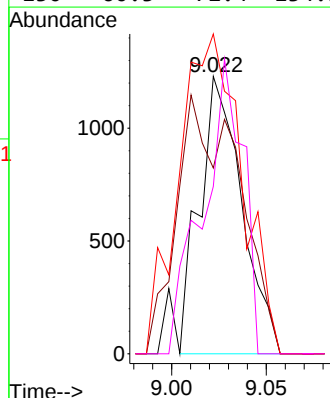
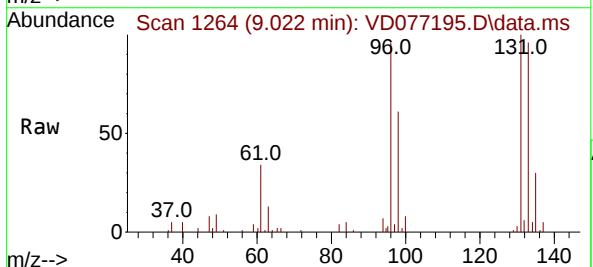
Ion Ratio Lower Upper

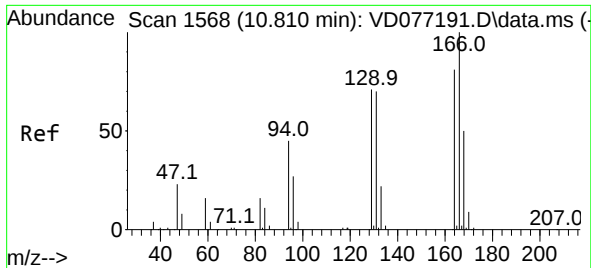
95 100

97 67.0 46.4 86.2

132 115.3 70.1 130.1

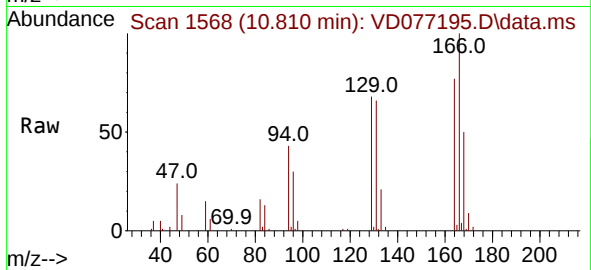
130 60.3 72.4 134.5#





#46
 Tetrachloroethene
 Concen: 10.263 ug/L
 RT: 10.810 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD077195.D
 Acq: 22 Sep 2023 11:30

Instrument :
 MSVOA_D
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Tgt Ion:	164	Resp:	36250
Ion	Ratio	Lower	Upper
164	100		
129	87.7	66.4	123.4
131	85.5	62.6	116.3
166	129.8	89.6	166.4

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