

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076443.D
 Acq On : 15 Jun 2023 17:36
 Operator : KP/SY
 Sample : 03236-13
 Misc : 5.12G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 YBTZ6

Quant Time: Jun 16 02:00:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

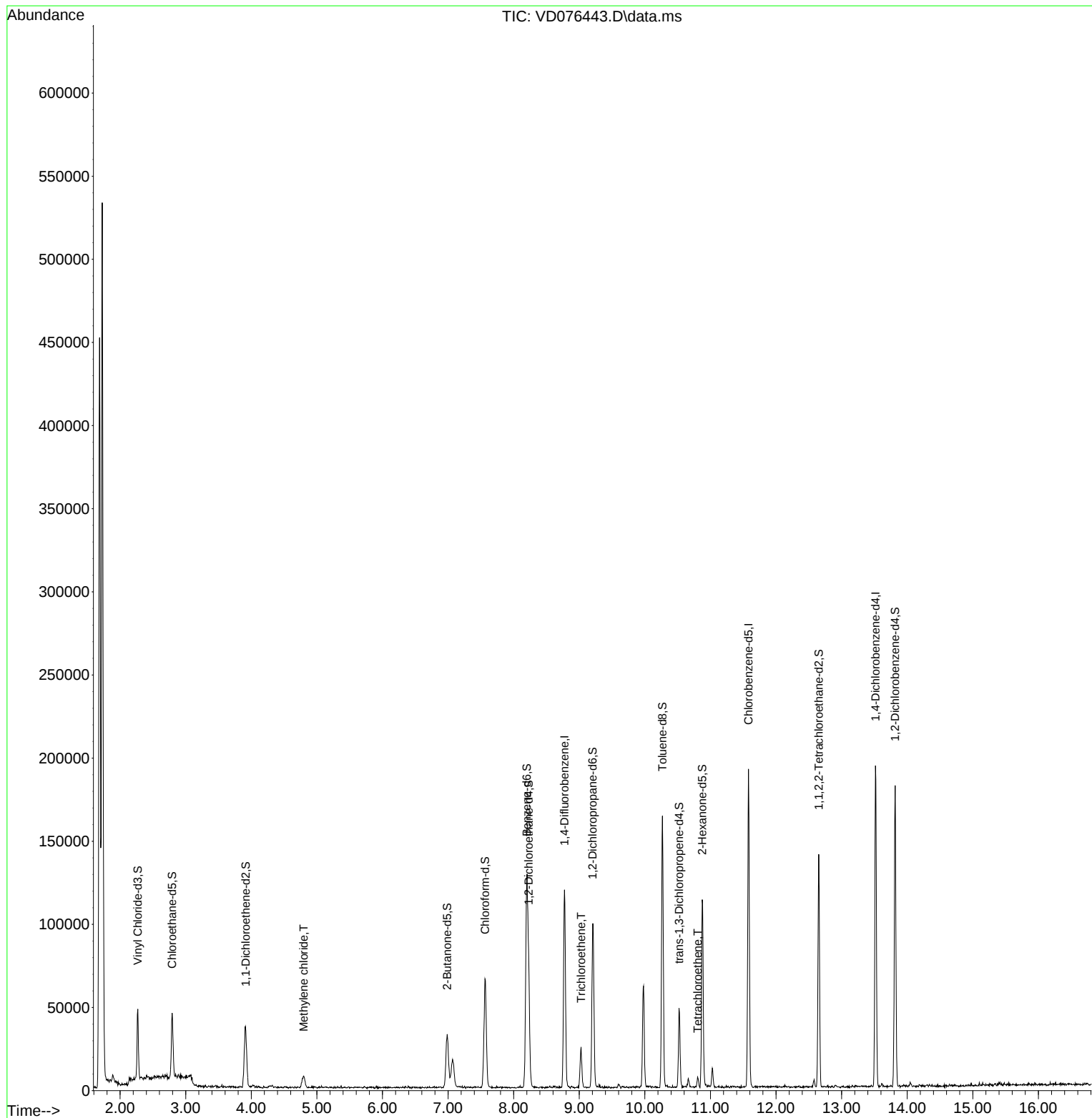
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	103946	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	104783	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	50935	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	36120	14.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.080%
7) Chloroethane-d5	2.793	69	37190	18.169	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.680%
11) 1,1-Dichloroethene-d2	3.916	65	10943	16.561	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.240%
21) 2-Butanone-d5	6.987	46	58167	151.724	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	303.440%#
24) Chloroform-d	7.563	84	65548	23.935	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.760%
26) 1,2-Dichloroethane-d4	8.228	65	46649	34.529	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	138.120%#
32) Benzene-d6	8.199	84	127055	19.822	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.280%
36) 1,2-Dichloropropane-d6	9.204	67	51392	25.118	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	10.269	98	111199	18.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.960%
43) trans-1,3-Dichloroprop...	10.522	79	24759	29.094	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	116.360%
47) 2-Hexanone-d5	10.875	63	41043	129.230	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	258.460%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	70506	48.438	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	193.760%#
66) 1,2-Dichlorobenzene-d4	13.816	152	47795	25.600	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.400%
Target Compounds						Qvalue
16) Methylene chloride	4.799	84	4824	2.670	ug/L	77
34) Trichloroethene	9.028	95	7074	3.971	ug/L	92
46) Tetrachloroethene	10.804	164	756	0.540	ug/L	79

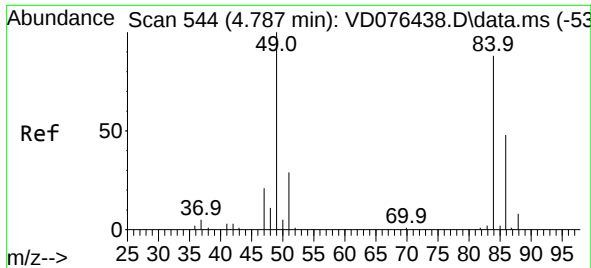
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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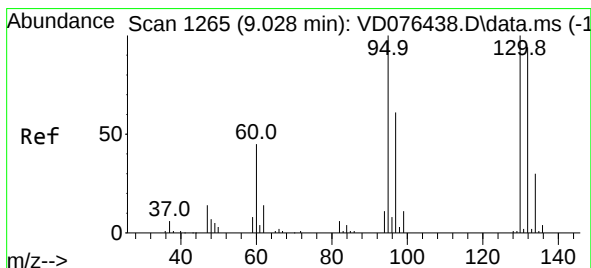
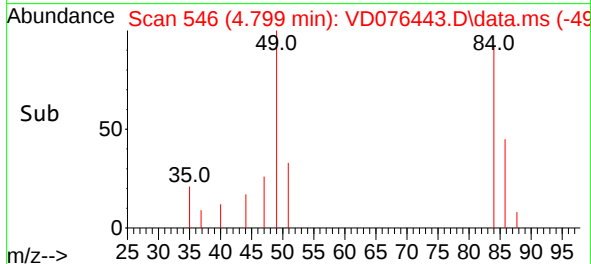
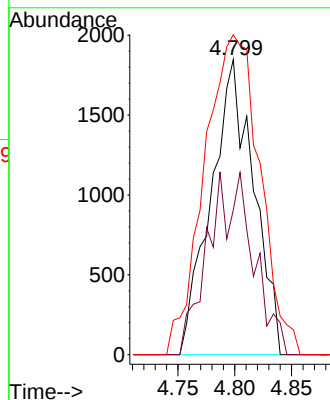
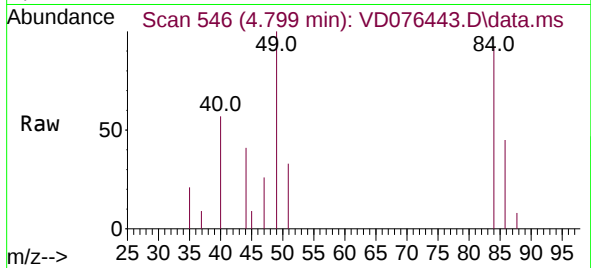




#16
Methylene chloride
Concen: 2.670 ug/L
RT: 4.799 min Scan# 544
Delta R.T. 0.012 min
Lab File: VD076443.D
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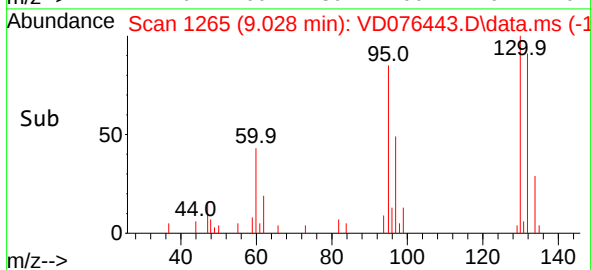
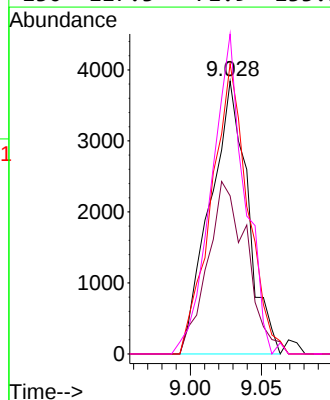
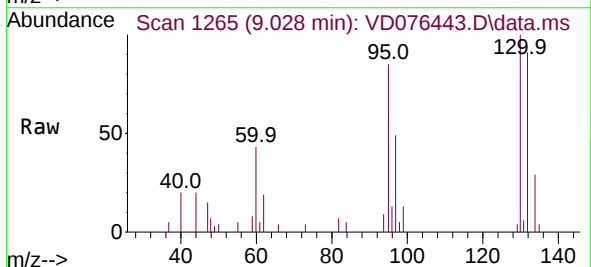
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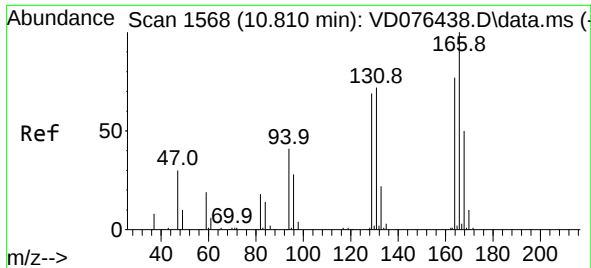
Tgt Ion: 84 Resp: 4824
Ion Ratio Lower Upper
84 100
86 49.0 45.1 83.9
49 108.4 97.2 180.6



#34
Trichloroethene
Concen: 3.971 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076443.D
Acq: 15 Jun 2023 17:36

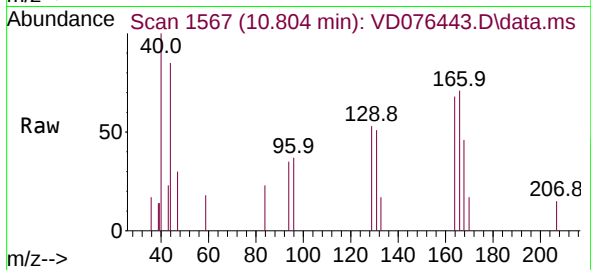
Tgt Ion: 95 Resp: 7074
Ion Ratio Lower Upper
95 100
97 57.9 43.1 80.1
132 106.4 71.8 133.4
130 117.3 71.9 133.5





#46
Tetrachloroethene
Concen: 0.540 ug/L
RT: 10.804 min Scan# 1
Delta R.T. -0.006 min
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Tgt Ion:	164	Resp:	756
Ion	Ratio	Lower	Upper
164	100		
129	78.9	65.5	121.6
131	75.4	64.8	120.3
166	105.5	97.2	180.4

