

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033123\
 Data File : VD075560.D
 Acq On : 31 Mar 2023 16:09
 Operator : KP/SY
 Sample : 02150-02
 Misc : 5.69G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C11C2

Quant Time: Apr 01 00:16:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

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

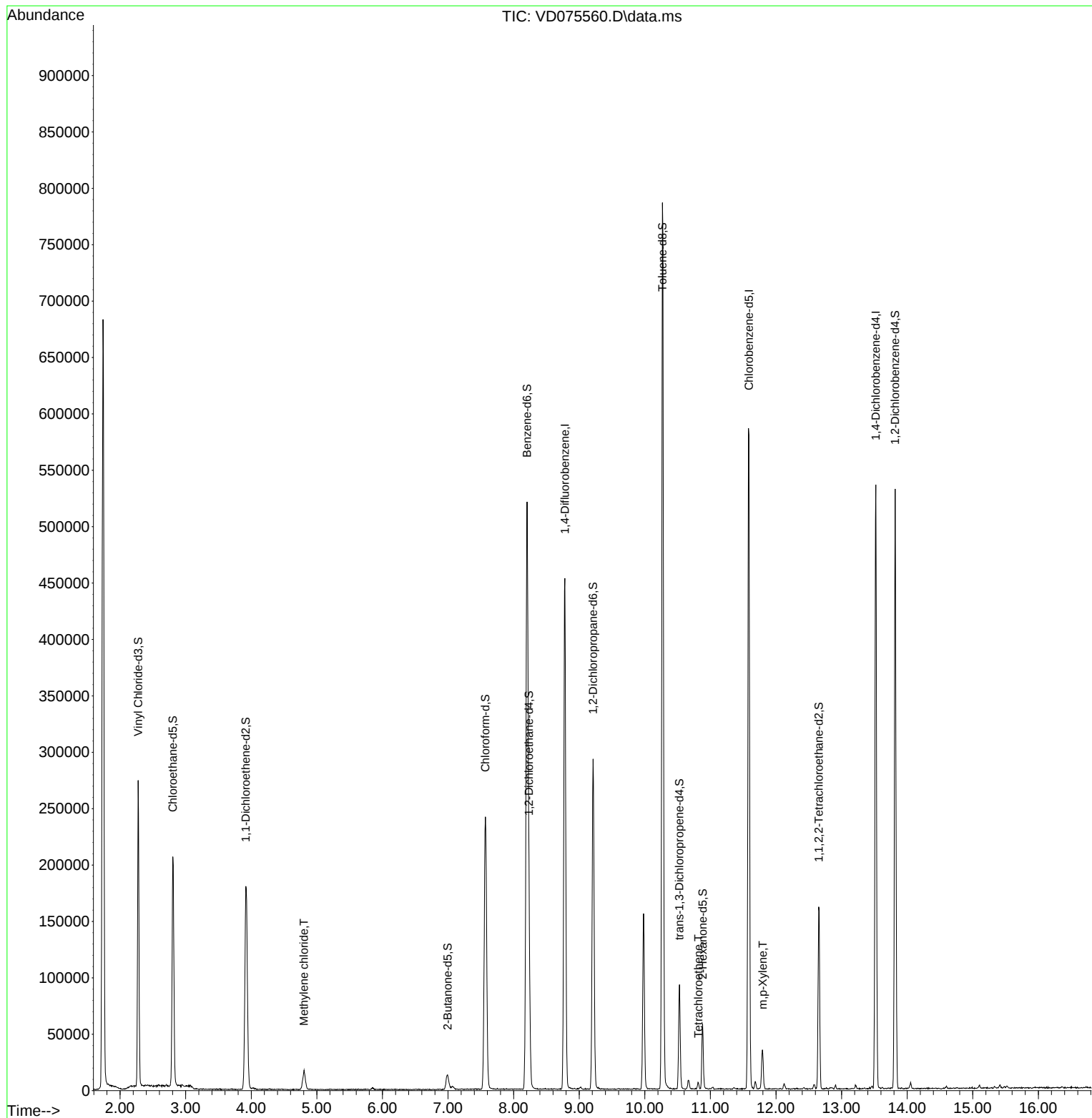
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	455291	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	396427	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	161691	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	251320	23.708	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.840%
7) Chloroethane-d5	2.805	69	224697	23.821	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.280%
11) 1,1-Dichloroethene-d2	3.917	63	156537	18.308	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.240%
21) 2-Butanone-d5	6.993	46	22979	33.287	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.580%
24) Chloroform-d	7.569	84	274033	25.529	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.120%
26) 1,2-Dichloroethane-d4	8.234	65	102877	21.627	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.520%
32) Benzene-d6	8.205	84	610026	26.321	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.280%
36) 1,2-Dichloropropane-d6	9.210	67	153793	24.900	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.600%
41) Toluene-d8	10.269	98	590777	27.185	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.720%
43) trans-1,3-Dichloroprop...	10.528	79	55818	21.679	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.720%
47) 2-Hexanone-d5	10.881	63	21700	29.690	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.380%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	86298	18.651	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.600%
66) 1,2-Dichlorobenzene-d4	13.816	152	152623	27.517	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.080%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.805	84	14036	2.243	ug/L	93
46) Tetrachloroethene	10.816	164	1398	0.312	ug/L	88
53) m,p-Xylene	11.799	106	12186	1.304	ug/L	95

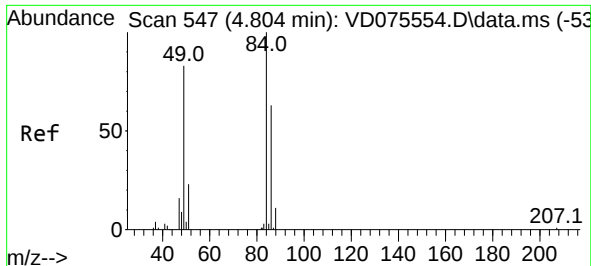
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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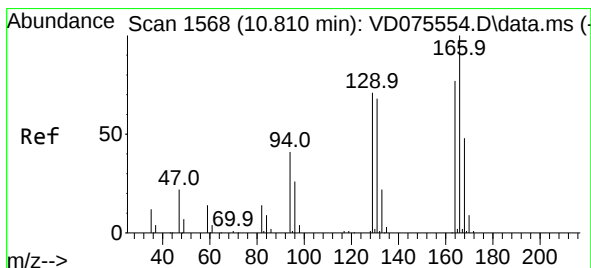
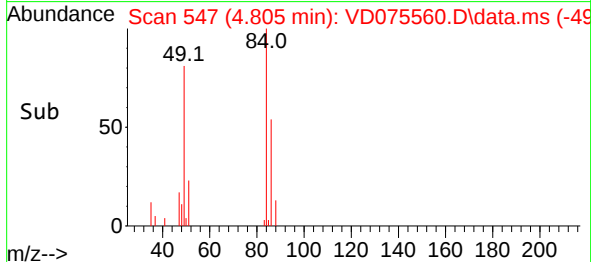
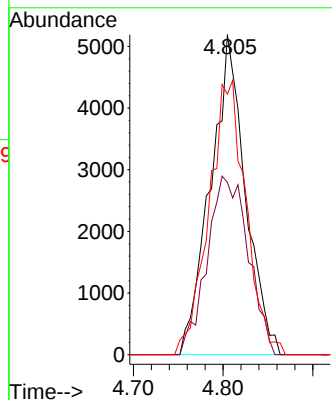
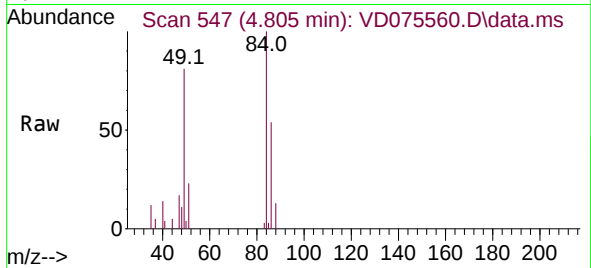




#16
Methylene chloride
Concen: 2.243 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075560.D
Acq: 31 Mar 2023 16:09

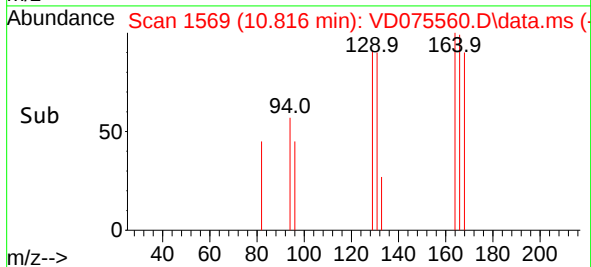
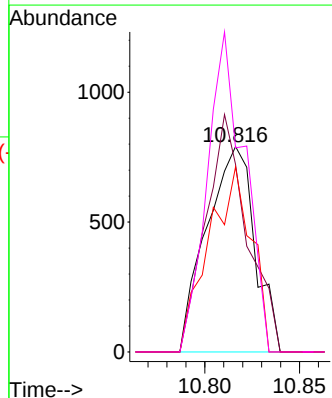
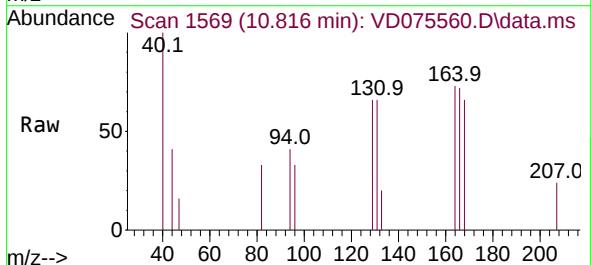
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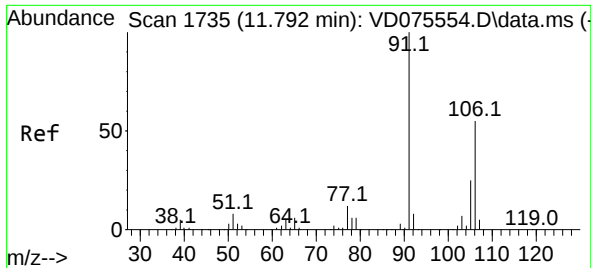
Tgt Ion:	84	Resp:	14036
Ion	Ratio	Lower	Upper
84	100		
86	53.9	44.4	82.4
49	81.4	58.5	108.7



#46
Tetrachloroethene
Concen: 0.312 ug/L
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD075560.D
Acq: 31 Mar 2023 16:09

Tgt Ion:	164	Resp:	1398
Ion	Ratio	Lower	Upper
164	100		
129	91.3	64.8	120.3
131	90.1	61.7	114.7
166	99.4	90.9	168.9





#53
 m,p-Xylene
 Concen: 1.304 ug/L
 RT: 11.799 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD075560.D
 Acq: 31 Mar 2023 16:09

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Tgt Ion:106 Resp: 12186
 Ion Ratio Lower Upper
 106 100
 91 173.9 126.7 235.3

