

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121123\
 Data File : VD077808.D
 Acq On : 11 Dec 2023 12:16
 Operator : JC/SY
 Sample : 05750-04
 Misc : 6.05G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E0LQ7

Quant Time: Dec 11 13:04:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

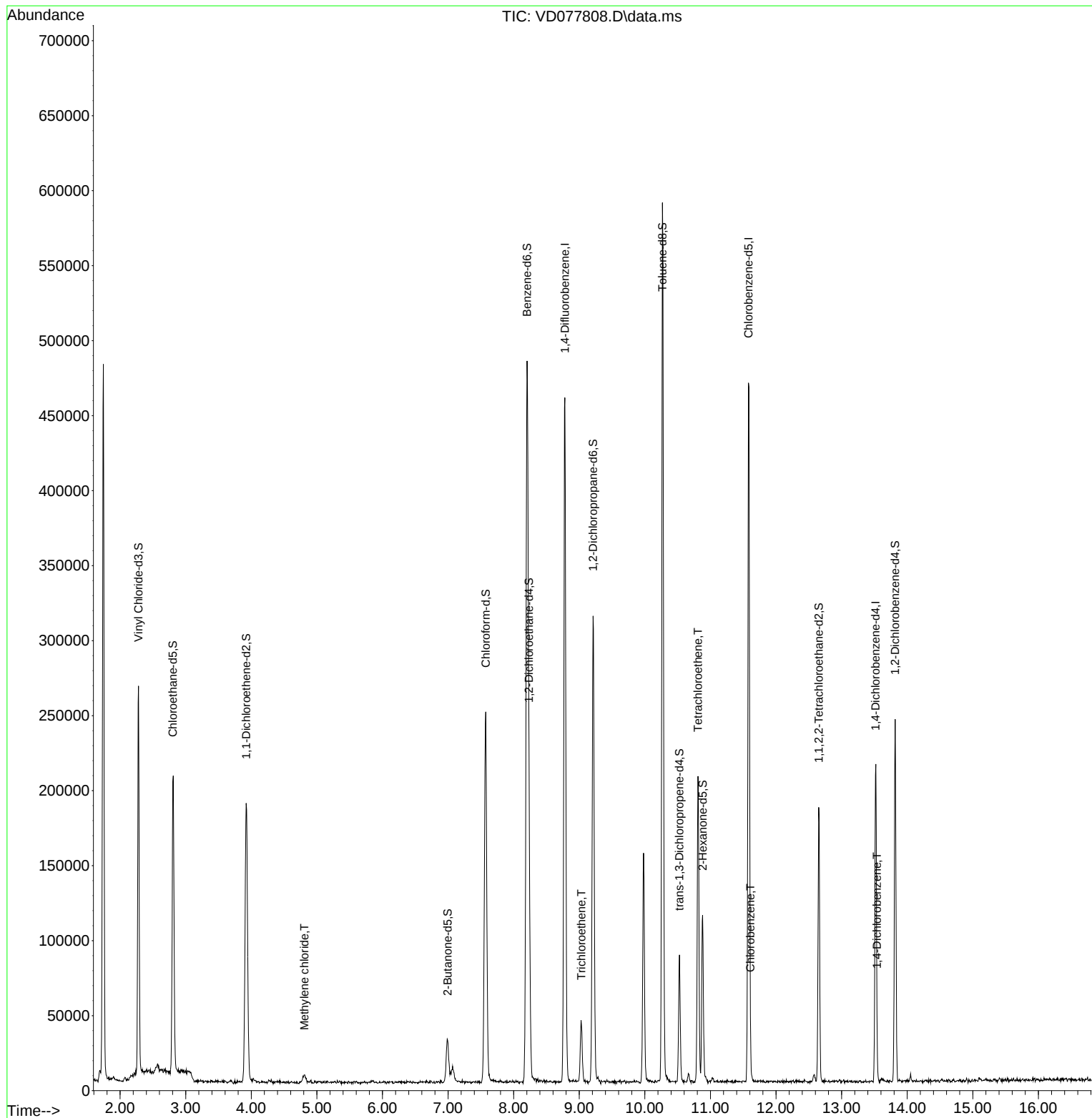
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	415685	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	279674	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	57792	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	242962	21.433	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.720%
7) Chloroethane-d5	2.805	69	211925	23.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	3.922	65	55551	18.900	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.600%
21) 2-Butanone-d5	6.993	46	49160	34.313	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.620%
24) Chloroform-d	7.575	84	255926	22.844	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.360%
26) 1,2-Dichloroethane-d4	8.234	65	116548	20.532	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.120%
32) Benzene-d6	8.204	84	526739	31.272	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.080%
36) 1,2-Dichloropropane-d6	9.210	67	158228	30.788	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.160%#
41) Toluene-d8	10.269	98	410766	26.495	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.960%
43) trans-1,3-Dichloroprop...	10.528	79	47008	20.684	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.720%
47) 2-Hexanone-d5	10.881	63	38469	43.439	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.880%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	92655	24.949	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	13.816	152	65423	31.644	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	126.560%#
Target Compounds						
16) Methylene chloride	4.810	84	4265	0.578	ug/L #	66
34) Trichloroethene	9.034	95	13809	3.056	ug/L	96
46) Tetrachloroethene	10.810	164	48244	13.241	ug/L	97
51) Chlorobenzene	11.610	112	3977	0.332	ug/L	87
65) 1,4-Dichlorobenzene	13.539	146	2488	0.643	ug/L #	72

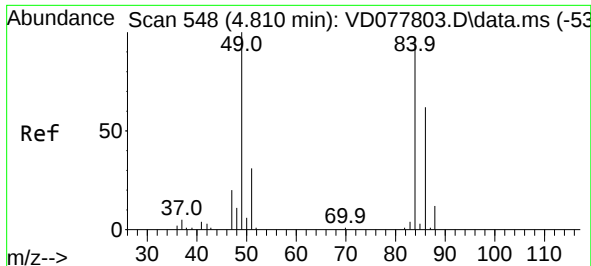
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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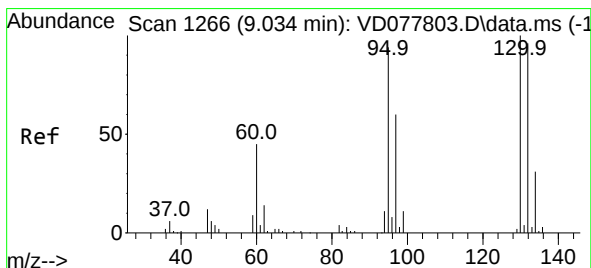
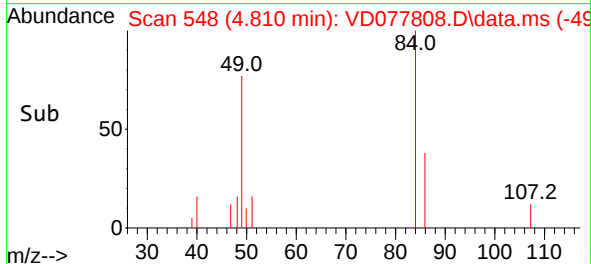
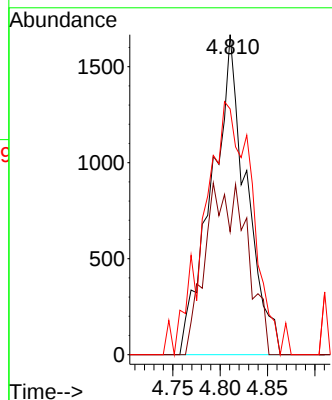
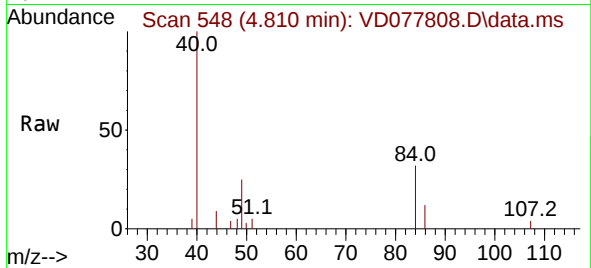




#16
Methylene chloride
Concen: 0.578 ug/L
RT: 4.810 min Scan# 548
Delta R.T. -0.000 min
Lab File: VD077808.D
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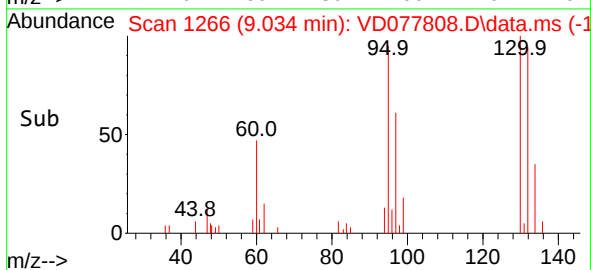
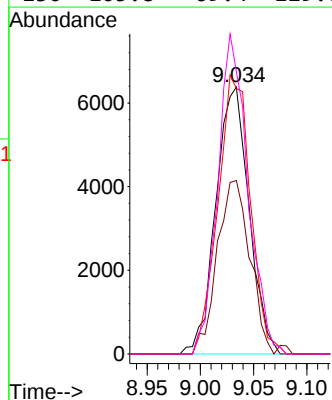
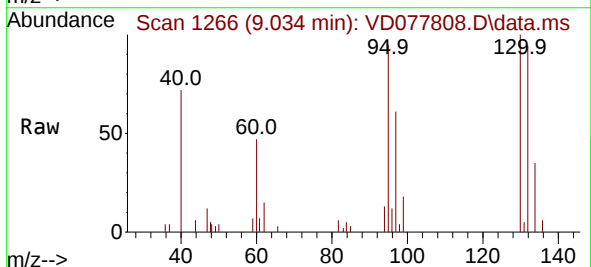
Instrument :
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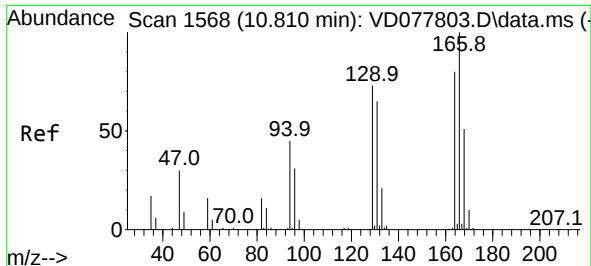
Tgt Ion: 84 Resp: 4265
Ion Ratio Lower Upper
84 100
86 38.5 40.1 74.5#
49 76.8 83.2 154.6#



#34
Trichloroethene
Concen: 3.056 ug/L
RT: 9.034 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VD077808.D
Acq: 11 Dec 2023 12:16

Tgt Ion: 95 Resp: 13809
Ion Ratio Lower Upper
95 100
97 65.0 44.2 82.0
132 99.5 67.5 125.3
130 105.8 69.4 129.0

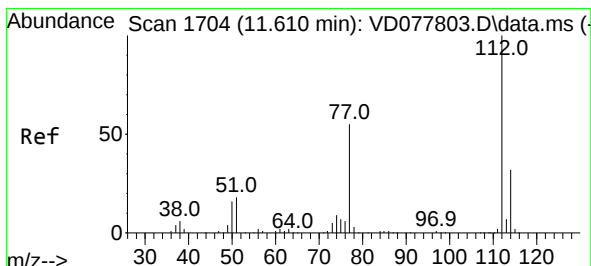
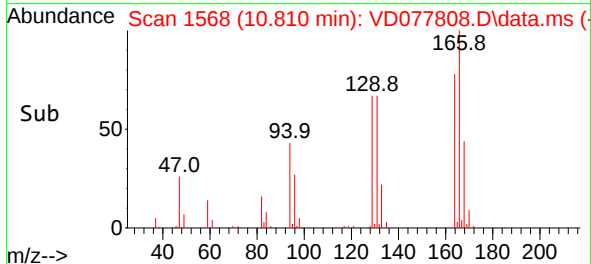
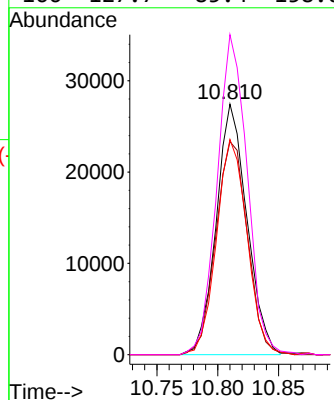
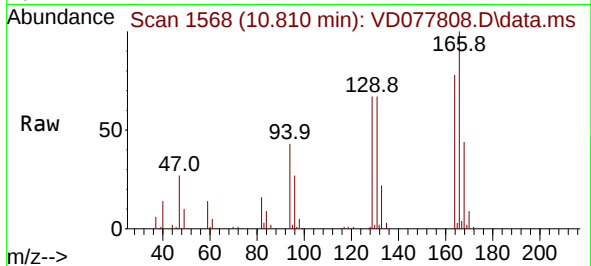




#46
Tetrachloroethene
Concen: 13.241 ug/L
RT: 10.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077808.D
Acq: 11 Dec 2023 12:16

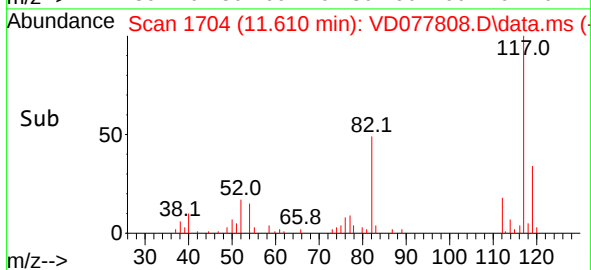
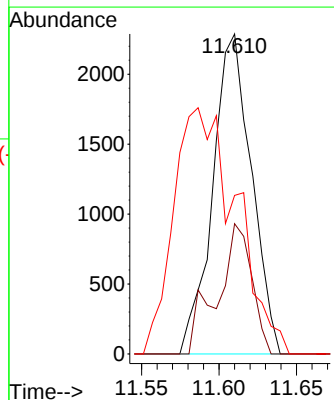
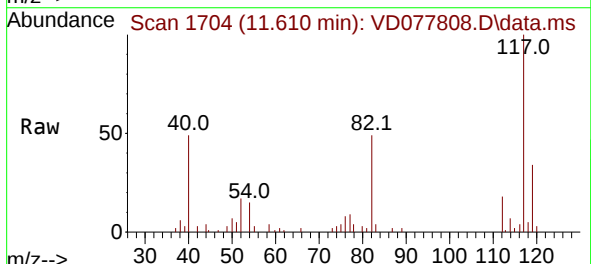
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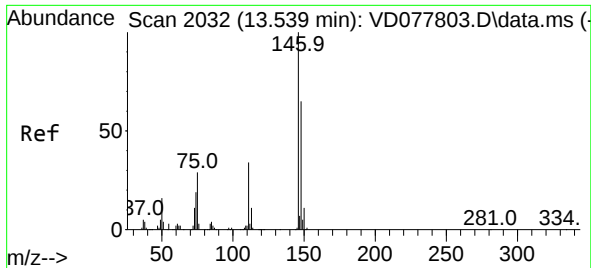
Tgt Ion:164	Resp:	48244
Ion	Ratio	Lower Upper
164	100	
129	85.1	61.5 114.3
131	85.9	59.1 109.9
166	127.7	85.4 158.6



#51
Chlorobenzene
Concen: 0.332 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077808.D
Acq: 11 Dec 2023 12:16

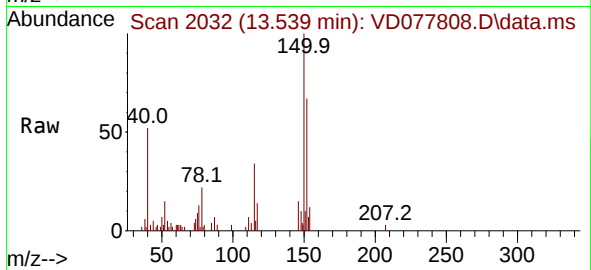
Tgt Ion:112	Resp:	3977
Ion	Ratio	Lower Upper
112	100	
114	40.7	22.5 41.9
77	49.5	46.4 69.6





#65
 1,4-Dichlorobenzene
 Concen: 0.643 ug/L
 RT: 13.539 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD077808.D
 Acq: 11 Dec 2023 12:16

Instrument :
 MSVOA_D
 ClientSampleId :
 E0LQ7



Tgt Ion:146 Resp: 2488

Ion	Ratio	Lower	Upper
146	100		
111	45.1	26.4	49.0
148	92.1	44.0	81.8

