

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121123\
 Data File : VD077804.D
 Acq On : 11 Dec 2023 10:30
 Operator : JC/SY
 Sample : VD1211SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 11 13:03:43 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)

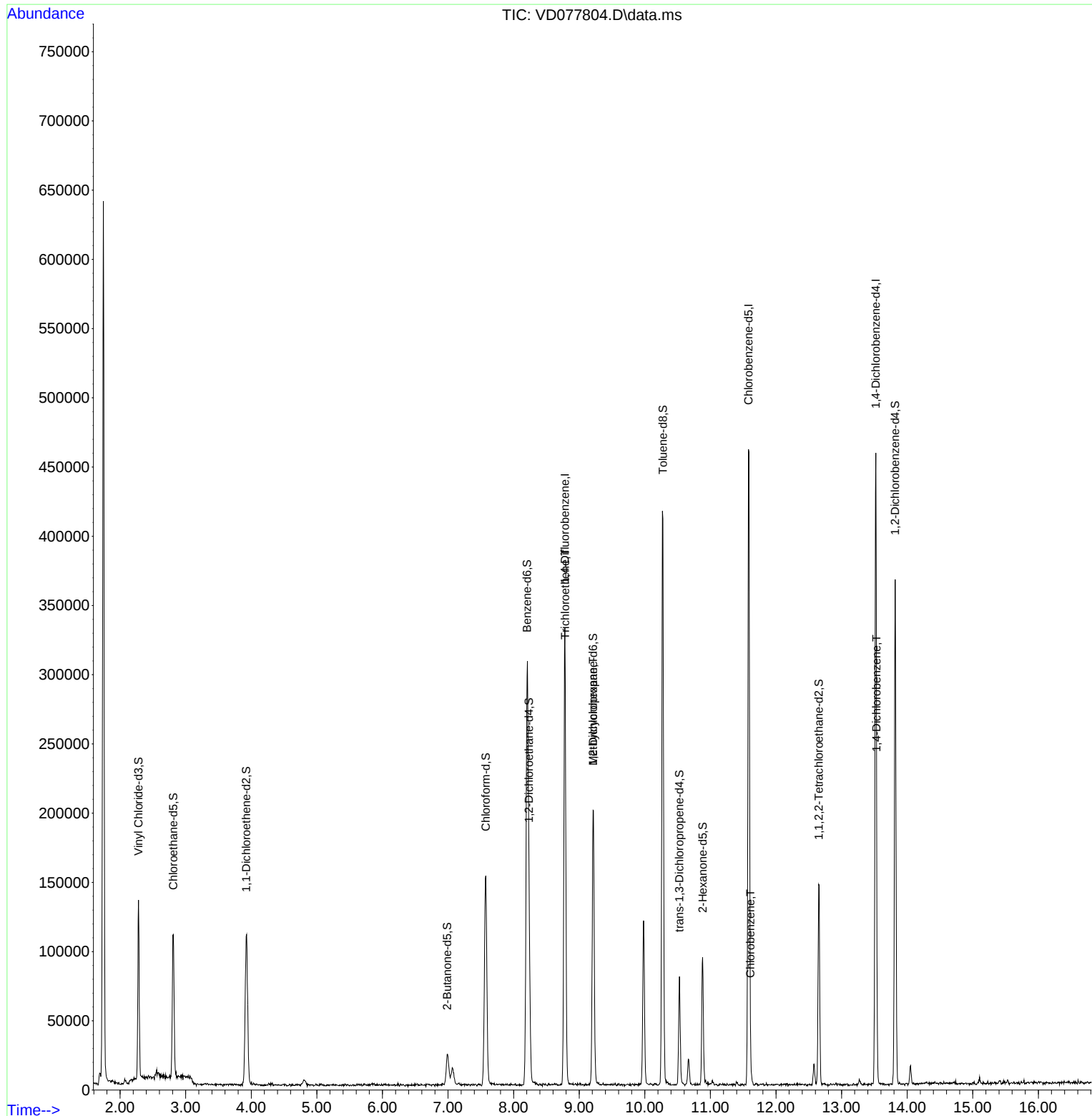
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	296070	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	275086	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	123463	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	119186	14.762	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.040%
7) Chloroethane-d5	2.811	69	112008	17.405	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.600%
11) 1,1-Dichloroethene-d2	3.922	65	31897	15.236	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.960%
21) 2-Butanone-d5	6.987	46	41409	40.580	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.160%
24) Chloroform-d	7.575	84	161416	20.229	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.920%
26) 1,2-Dichloroethane-d4	8.234	65	82698	20.455	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.800%
32) Benzene-d6	8.205	84	325256	19.632	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.520%
36) 1,2-Dichloropropane-d6	9.210	67	102385	20.254	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.000%
41) Toluene-d8	10.275	98	298023	19.543	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.160%
43) trans-1,3-Dichloroprop...	10.528	79	41909	18.748	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.000%
47) 2-Hexanone-d5	10.881	63	32518	37.331	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.660%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	74086	20.282	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	96292	21.801	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.200%
Target Compounds						Qvalue
34) Trichloroethene	8.787	95	8741	1.967	ug/L #	5
35) Methylcyclohexane	9.210	83	23243	2.946	ug/L #	19
51) Chlorobenzene	11.610	112	5524	0.468	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	3848	0.465	ug/L #	86

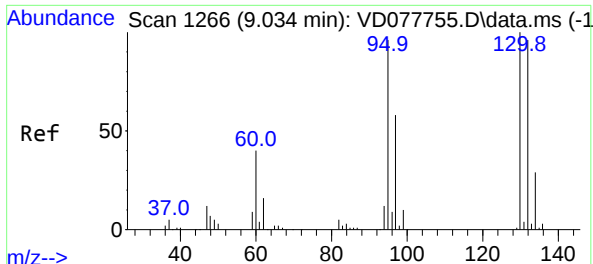
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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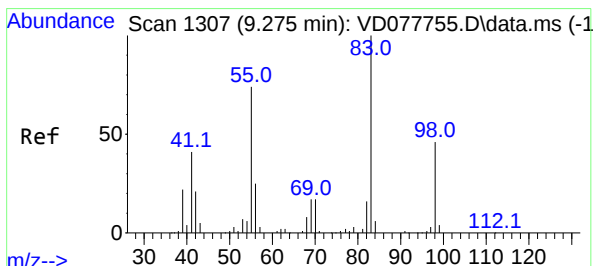
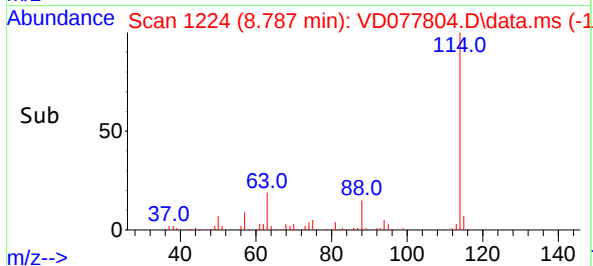
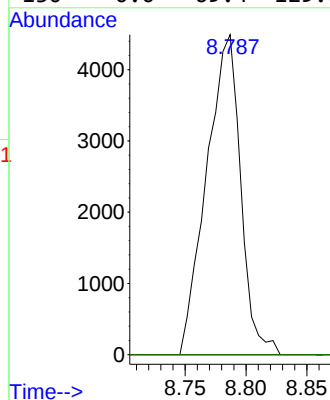
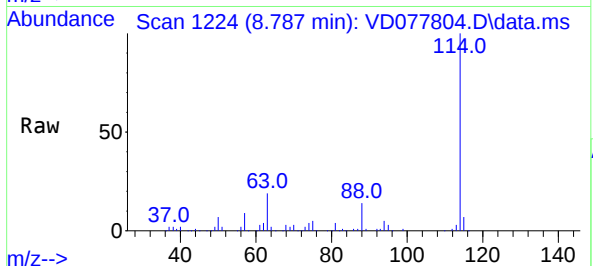


#34
Trichloroethene
Concen: 1.967 ug/L
RT: 8.787 min Scan# 11
Delta R.T. -0.247 min
Lab File: VD077804.D
Acq: 11 Dec 2023 10:30

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 8741

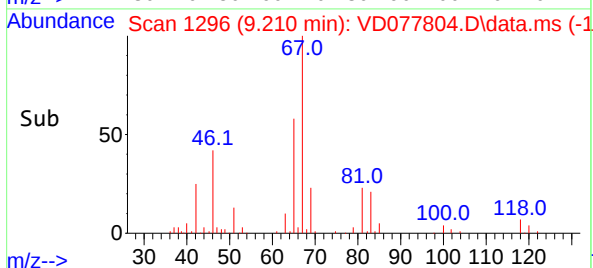
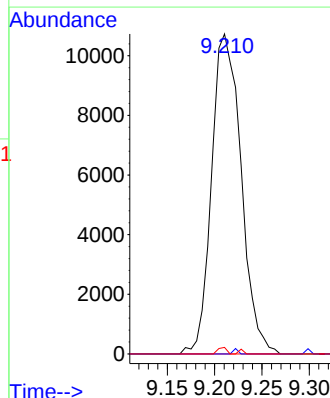
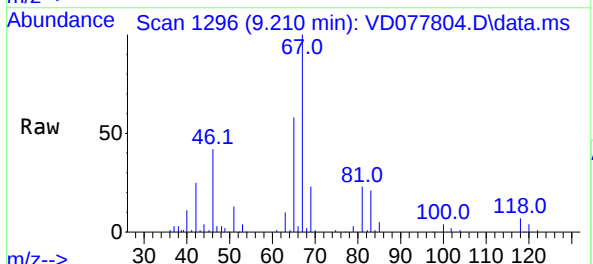
Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.2	82.0#
132	0.0	67.5	125.3#
130	0.0	69.4	129.0#

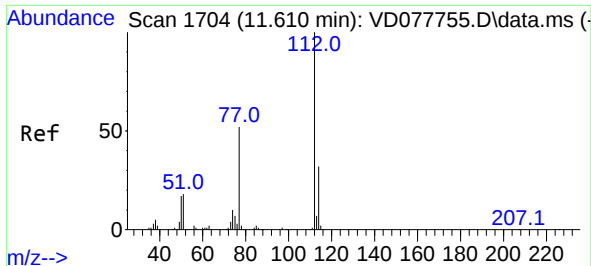


#35
Methylcyclohexane
Concen: 2.946 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD077804.D
Acq: 11 Dec 2023 10:30

Tgt Ion: 83 Resp: 23243

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.8	89.6#
98	0.6	38.5	57.7#

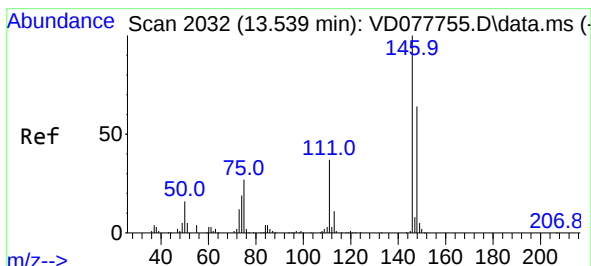
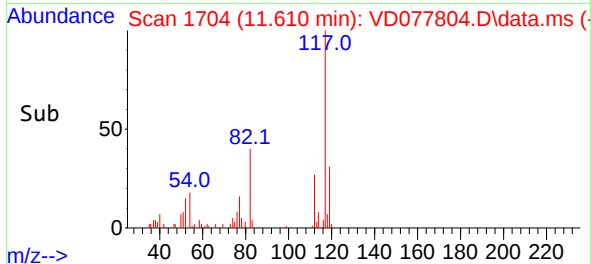
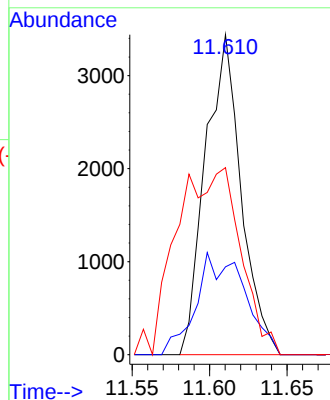
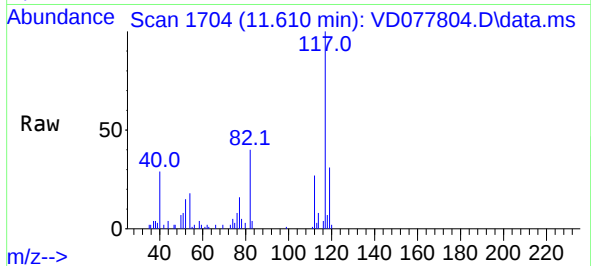




#51
Chlorobenzene
Concen: 0.468 ug/L
RT: 11.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077804.D
Acq: 11 Dec 2023 10:30

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	112	Resp:	5524
Ion	Ratio	Lower	Upper
112	100		
114	27.5	22.5	41.9
77	58.4	46.4	69.6



#65
1,4-Dichlorobenzene
Concen: 0.465 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD077804.D
Acq: 11 Dec 2023 10:30

Tgt Ion:	146	Resp:	3848
Ion	Ratio	Lower	Upper
146	100		
111	52.0	26.4	49.0#
148	56.2	44.0	81.8

