

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121823\
 Data File : VD077951.D
 Acq On : 18 Dec 2023 16:59
 Operator : RP/MD
 Sample : 05808-12
 Misc : 6.25G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 18 23:18:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 18 23:16:23 2023
 Response via : Initial Calibration

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

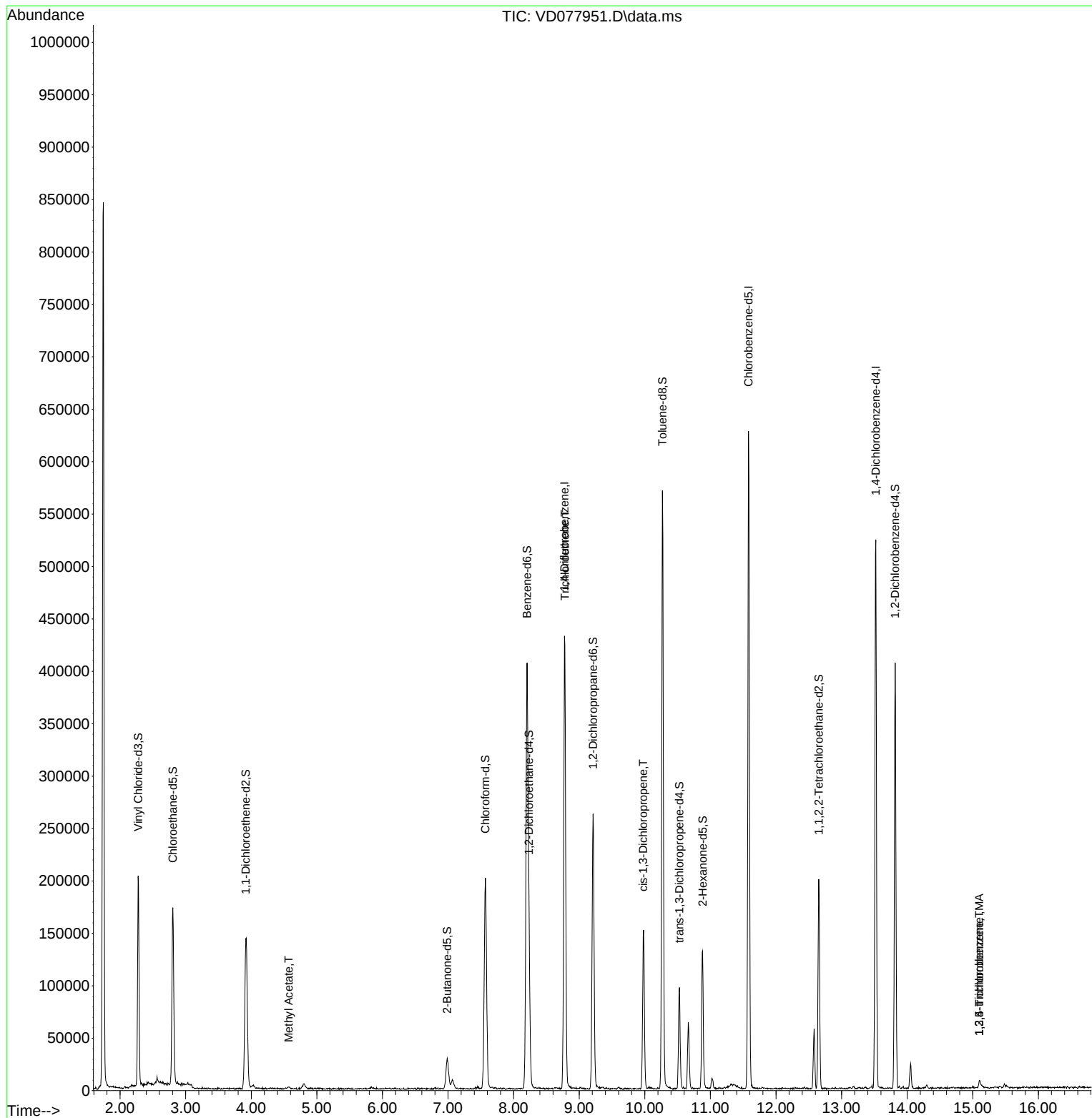
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	391237	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	362157	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	141275	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	189411	17.753	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.000%
7) Chloroethane-d5	2.805	69	184445	21.689	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.760%
11) 1,1-Dichloroethene-d2	3.917	65	42594	15.397	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.600%
21) 2-Butanone-d5	6.987	46	48326	35.839	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.680%
24) Chloroform-d	7.569	84	210482	19.961	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.840%
26) 1,2-Dichloroethane-d4	8.234	65	107193	20.064	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.240%
32) Benzene-d6	8.205	84	431690	19.792	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.160%
36) 1,2-Dichloropropane-d6	9.210	67	132125	19.853	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.400%
41) Toluene-d8	10.269	98	391222	19.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.960%
43) trans-1,3-Dichloroprop...	10.528	79	55950	19.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.040%
47) 2-Hexanone-d5	10.881	63	49645	43.291	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.580%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	104018	21.629	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.520%
66) 1,2-Dichlorobenzene-d4	13.816	152	109378	21.642	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.560%
Target Compounds						Qvalue
15) Methyl Acetate	4.569	43	3427	1.386	ug/L #	72
34) Trichloroethene	8.781	95	11768	2.011	ug/L #	5
39) cis-1,3-Dichloropropene	9.975	75	4159	0.433	ug/L #	72
69) 1,3,5-Trichlorobenzene	15.098	180	2511	0.404	ug/L #	55
70) 1,2,4-trichlorobenzene	15.098	180	2511	0.476	ug/L #	48

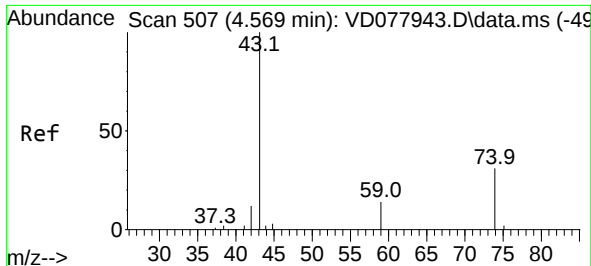
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Mon Dec 18 23:16:23 2023
Response via : Initial Calibration

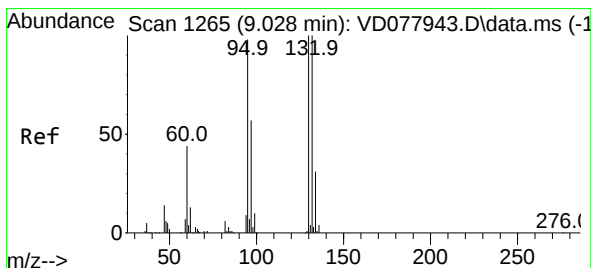
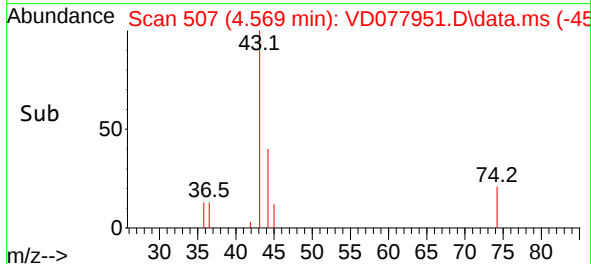
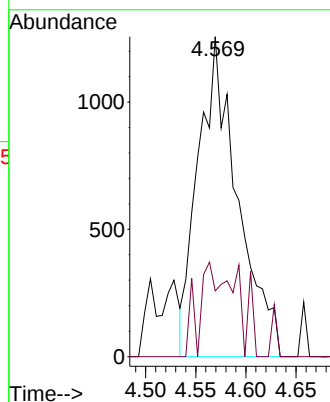
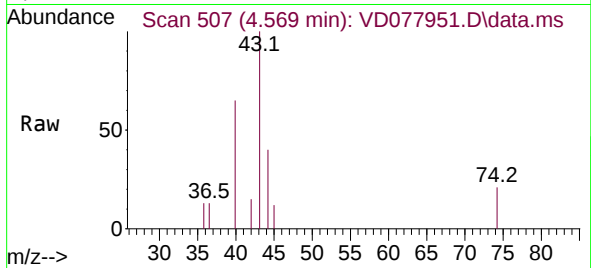




#15
Methyl Acetate
Concen: 1.386 ug/L
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD077951.D
Acq: 18 Dec 2023 16:59

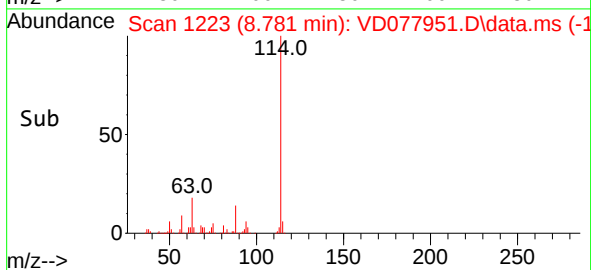
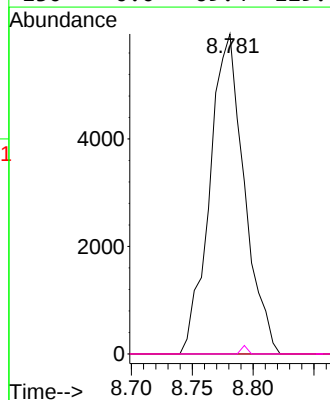
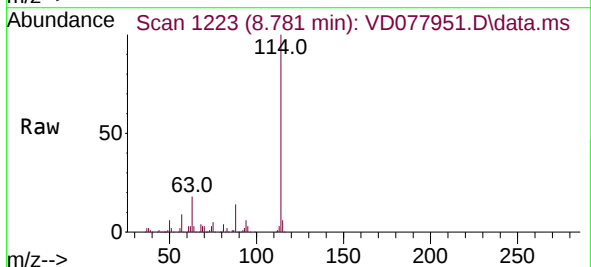
Instrument :
MSVOA_D
ClientSampleId :

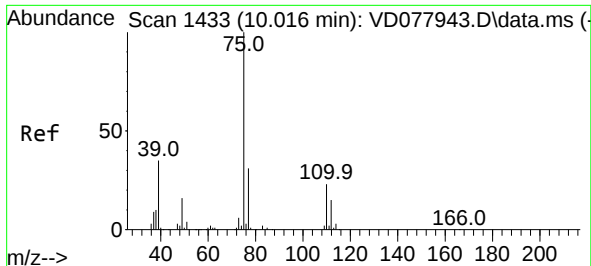
Tgt Ion: 43 Resp: 3427
Ion Ratio Lower Upper
43 100
74 9.8 18.6 27.8#



#34
Trichloroethene
Concen: 2.011 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD077951.D
Acq: 18 Dec 2023 16:59

Tgt Ion: 95 Resp: 11768
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#





#39

cis-1,3-Dichloropropene

Concen: 0.433 ug/L

RT: 9.975 min Scan# 1433

Delta R.T. -0.041 min

Lab File: VD077951.D

Acq: 18 Dec 2023 16:59

Instrument :

MSVOA_D

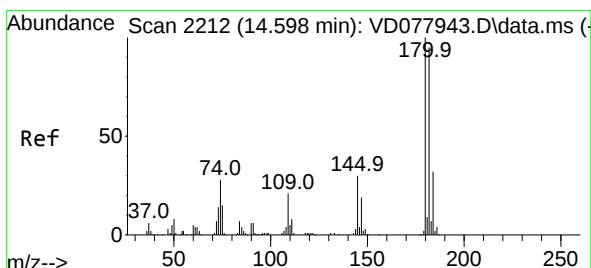
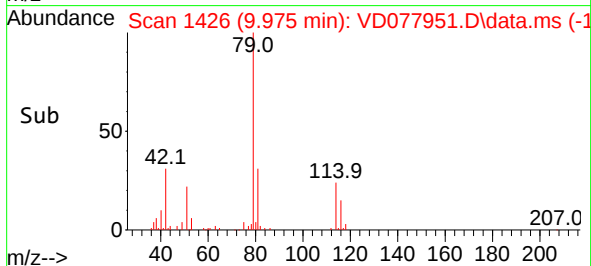
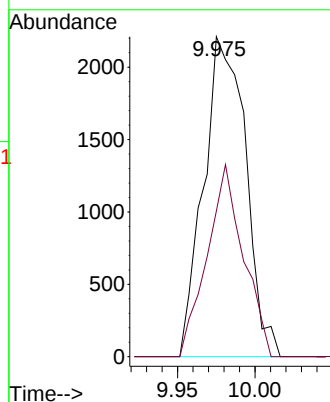
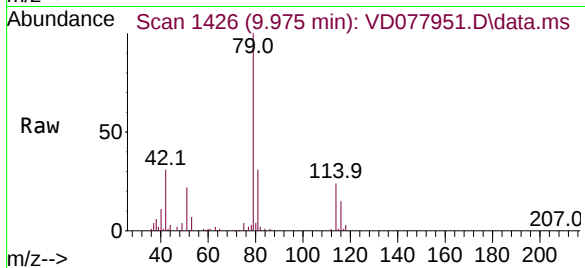
ClientSampleId :

Tgt Ion: 75 Resp: 4159

Ion Ratio Lower Upper

75 100

77 45.5 21.2 39.4#



#69

1,3,5-Trichlorobenzene

Concen: 0.404 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.500 min

Lab File: VD077951.D

Acq: 18 Dec 2023 16:59

Tgt Ion:180 Resp: 2511

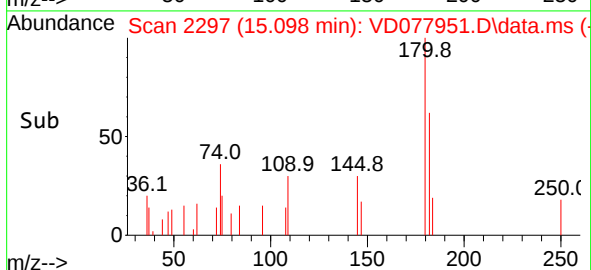
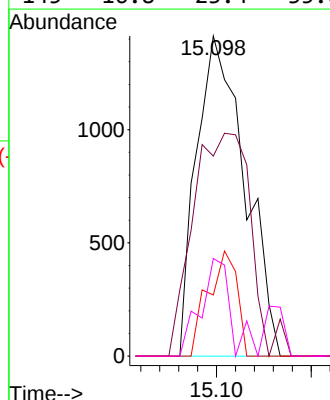
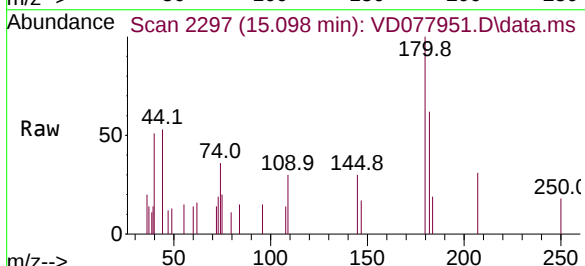
Ion Ratio Lower Upper

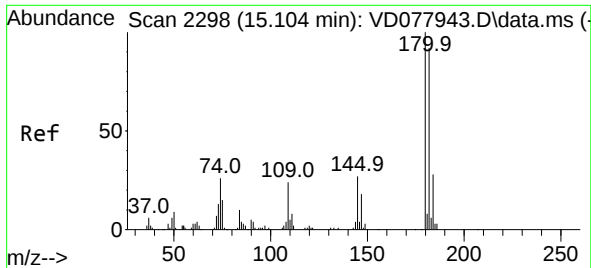
180 100

182 37.4 77.0 115.4#

184 19.7 24.3 36.5#

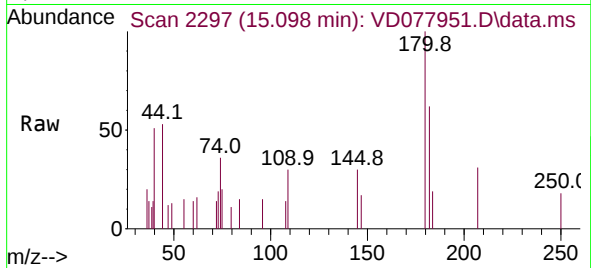
145 16.8 23.4 35.0#





#70
 1,2,4-trichlorobenzene
 Concen: 0.476 ug/L
 RT: 15.098 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD077951.D
 Acq: 18 Dec 2023 16:59

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 2511
 Ion Ratio Lower Upper
 180 100
 182 37.4 77.0 115.6#
 145 16.8 23.9 35.9#

