

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040824\
 Data File : VW028355.D
 Acq On : 08 Apr 2024 13:39
 Operator : SY/MD
 Sample : VW0408SBL01
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 09 01:40:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 09 01:33:52 2024
 Response via : Initial Calibration

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

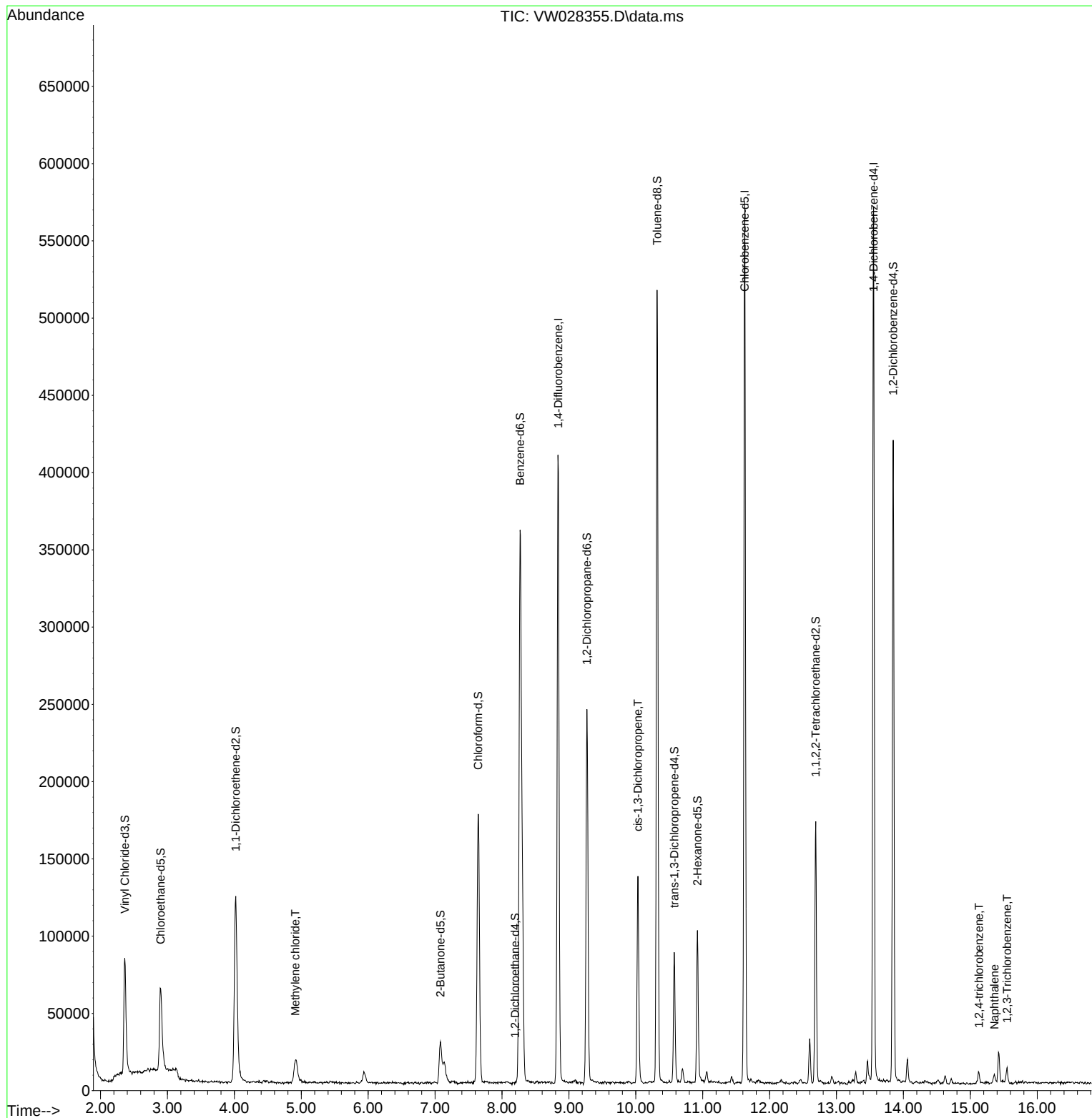
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	326534	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	291476	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	136119	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	107961	20.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.480%
7) Chloroethane-d5	2.899	69	81659	20.581	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.320%
11) 1,1-Dichloroethene-d2	4.021	65	43478	19.613	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.440%
21) 2-Butanone-d5	7.081	46	47335	48.322	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.640%
24) Chloroform-d	7.642	84	175187	20.560	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.240%
26) 1,2-Dichloroethane-d4	8.197	65	61	0.014	ug/L	-0.11
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.040%#
32) Benzene-d6	8.270	84	353743	22.216	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.880%
36) 1,2-Dichloropropane-d6	9.270	67	106372	22.474	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.880%
41) Toluene-d8	10.319	98	323641	22.352	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	10.575	79	43515	23.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.480%
47) 2-Hexanone-d5	10.922	63	32440	49.480	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	82879	24.819	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	106038	24.633	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.520%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.911	84	12413	2.512	ug/L	98
39) cis-1,3-Dichloropropene	10.032	75	3674	0.527	ug/L #	62
70) 1,2,4-trichlorobenzene	15.129	180	2055	0.442	ug/L	89
71) Naphthalene	15.360	128	4626	0.562	ug/L #	93
72) 1,2,3-Trichlorobenzene	15.549	180	2436	0.590	ug/L	96

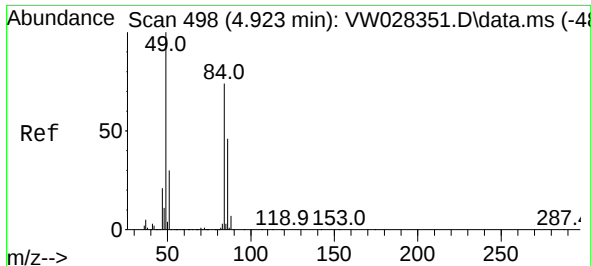
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.512 ug/L

RT: 4.911 min Scan# 496

Delta R.T. -0.012 min

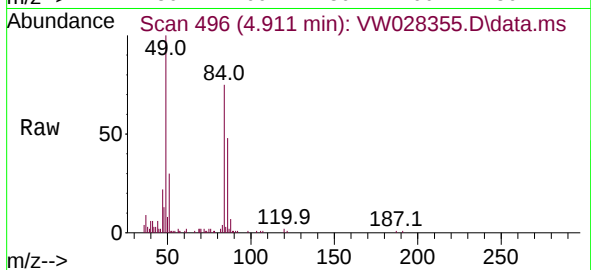
Lab File: VW028355.D

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Instrument :

MSVOA_W

ClientSampleId :



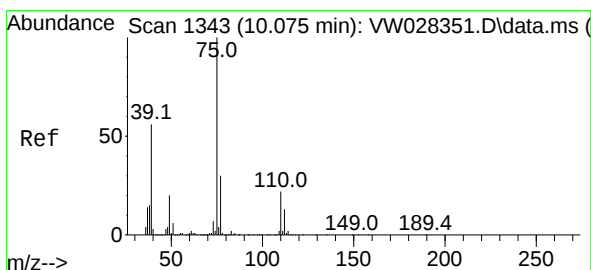
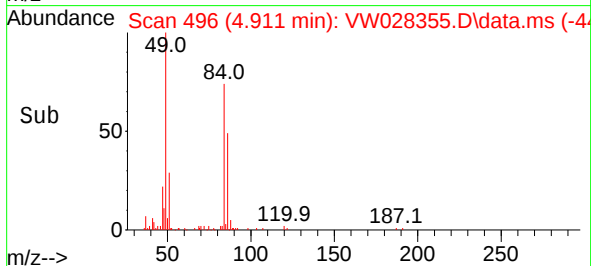
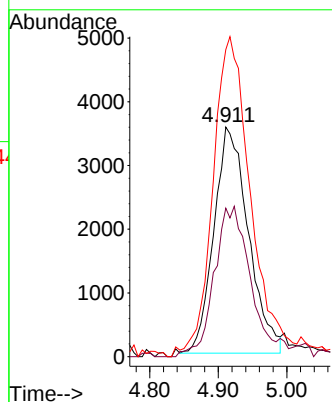
Tgt Ion: 84 Resp: 12413

Ion Ratio Lower Upper

84 100

86 64.7 44.2 82.0

49 133.7 95.0 176.4



#39

cis-1,3-Dichloropropene

Concen: 0.527 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.043 min

Lab File: VW028355.D

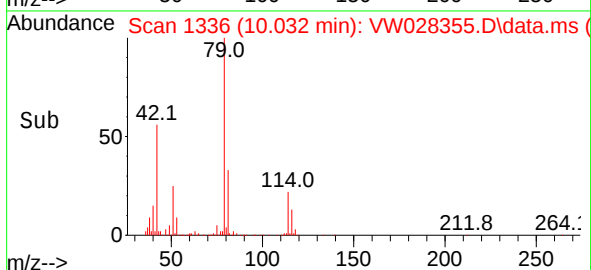
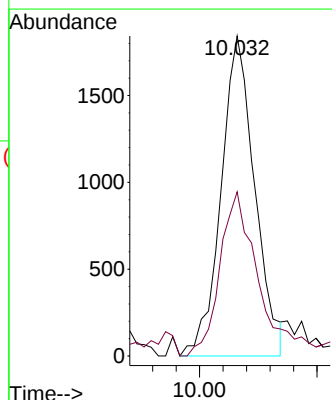
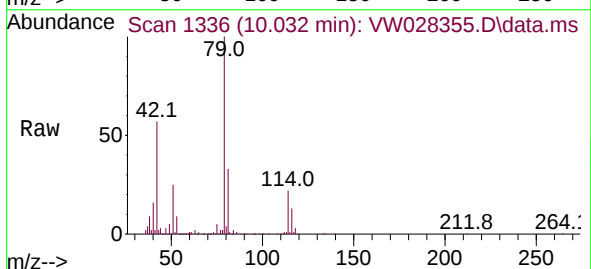
Acq: 08 Apr 2024 13:39

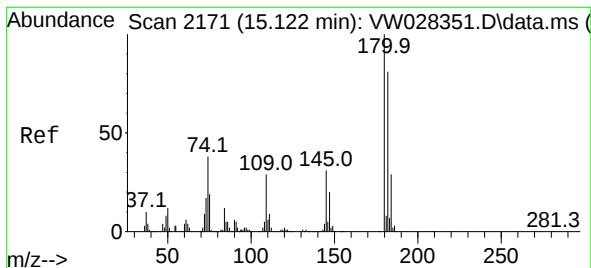
Tgt Ion: 75 Resp: 3674

Ion Ratio Lower Upper

75 100

77 51.3 21.3 39.5#





#70

1,2,4-trichlorobenzene

Concen: 0.442 ug/L

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW028355.D

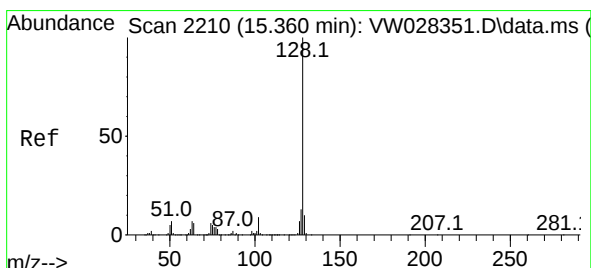
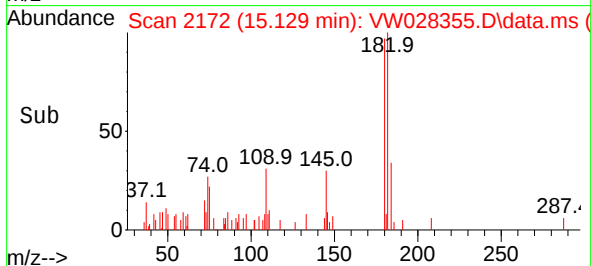
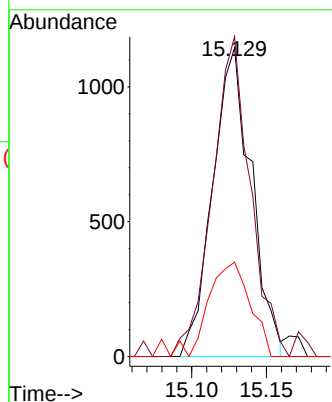
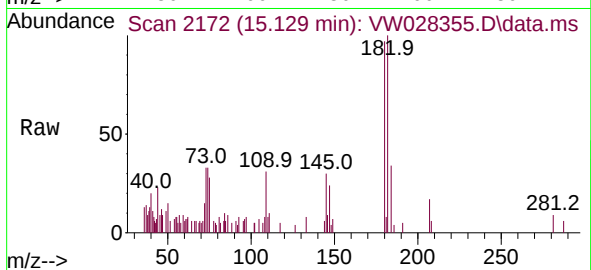
Acq: 08 Apr 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	180	Resp:	2055
Ion Ratio	Lower	Upper	
180	100		
182	101.3	71.5	107.3
145	31.9	23.5	35.3



#71

Naphthalene

Concen: 0.562 ug/L

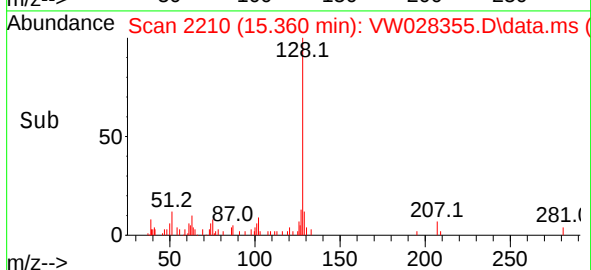
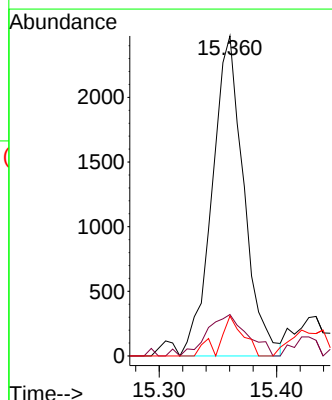
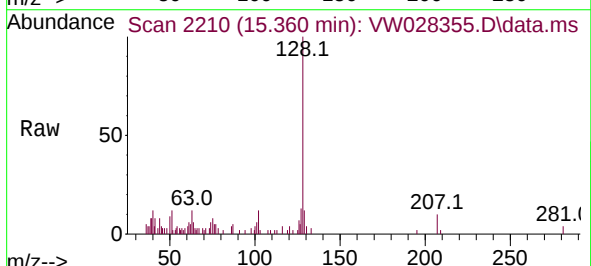
RT: 15.360 min Scan# 2210

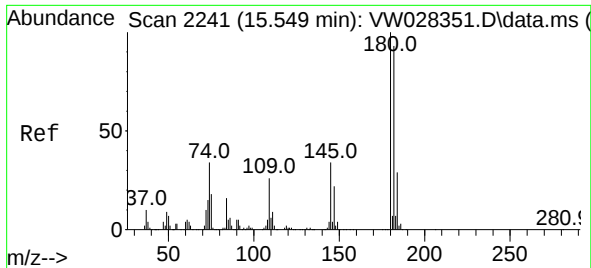
Delta R.T. 0.000 min

Lab File: VW028355.D

Acq: 08 Apr 2024 13:39

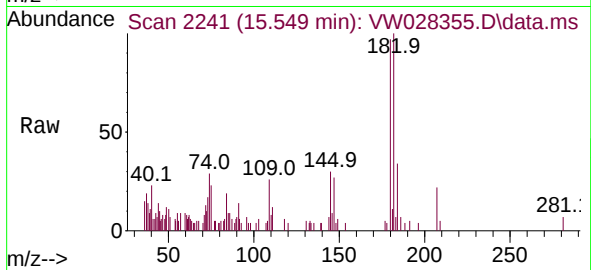
Tgt Ion:	128	Resp:	4626
Ion Ratio	Lower	Upper	
128	100		
127	15.6	10.7	16.1
129	7.5	8.5	12.7#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.590 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028355.D
 Acq: 08 Apr 2024 13:39

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	2436
Ion Ratio	Lower	Upper	
180	100		
182	98.6	75.7	113.5
145	34.7	26.2	39.4

