

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052424\
 Data File : VW028731.D
 Acq On : 24 May 2024 14:10
 Operator : SY/MD
 Sample : P2569-20
 Misc : 5.78g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 25 00:03:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 25 00:01:38 2024
 Response via : Initial Calibration

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

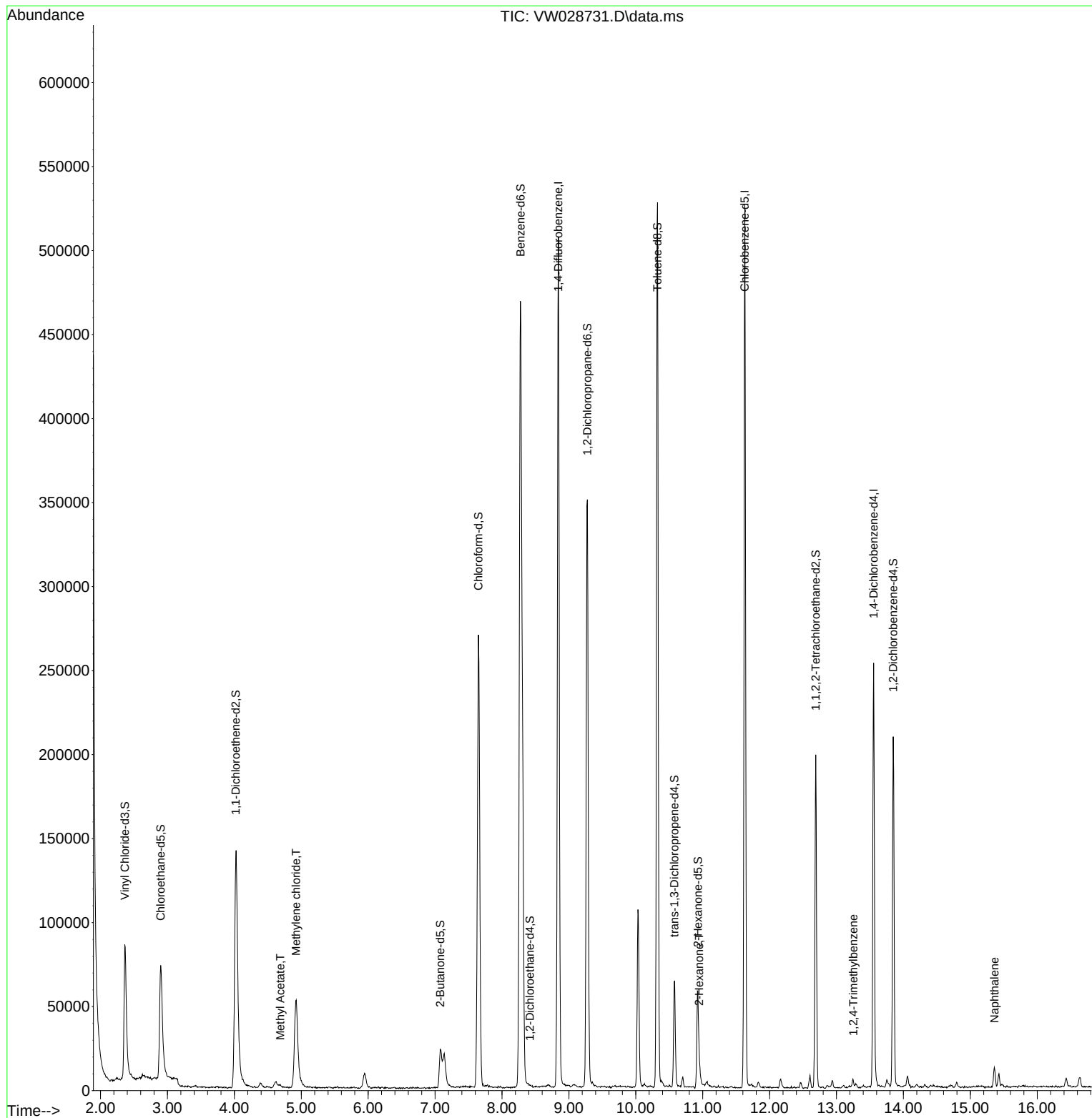
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	398014	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	276474	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	63375	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	129821	17.177	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.720%
7) Chloroethane-d5	2.899	69	116160	20.072	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.280%
11) 1,1-Dichloroethene-d2	4.021	65	53956	17.087	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.360%
21) 2-Butanone-d5	7.075	46	36406	18.463	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.920%
24) Chloroform-d	7.648	84	271098	21.798	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	8.416	65	134	0.019	ug/L	0.11
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.276	84	474161	25.705	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.840%
36) 1,2-Dichloropropane-d6	9.276	67	163807	29.511	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.040%
41) Toluene-d8	10.325	98	344151	21.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.280%
43) trans-1,3-Dichloroprop...	10.575	79	35495	15.896	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.600%
47) 2-Hexanone-d5	10.928	63	17228	17.996	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96338	20.698	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	54401	22.522	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.080%
Target Compounds						
					Qvalue	
15) Methyl Acetate	4.685	43	1470	0.471	ug/L #	77
16) Methylene chloride	4.923	84	45109	7.328	ug/L	90
48) 2-Hexanone	10.946	43	7289	3.247	ug/L #	52
63) 1,2,4-Trimethylbenzene	13.251	105	2489	0.340	ug/L	97
71) Naphthalene	15.360	128	9154	1.981	ug/L #	94

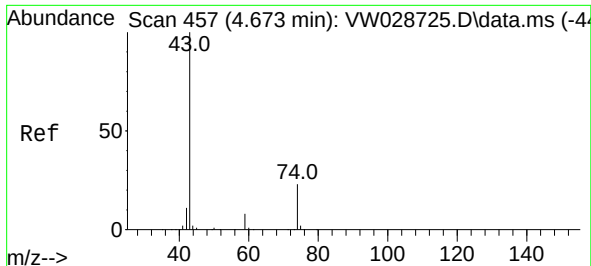
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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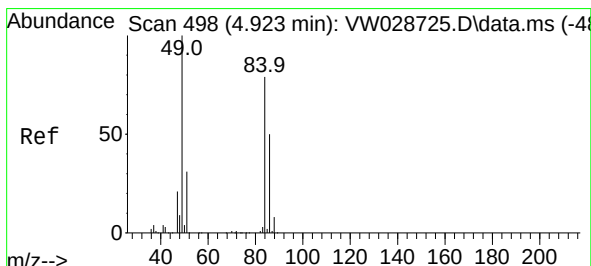
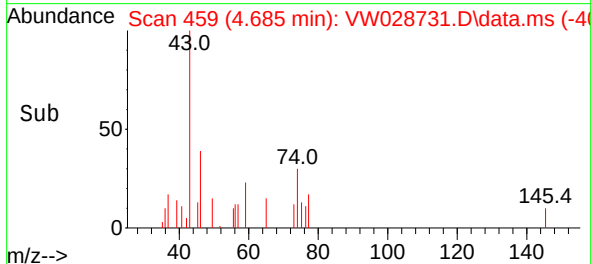
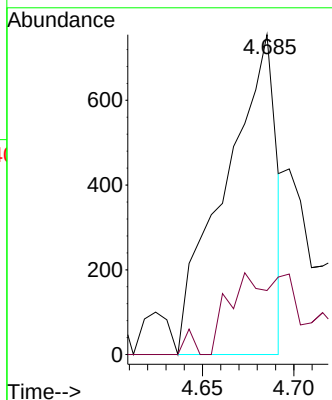
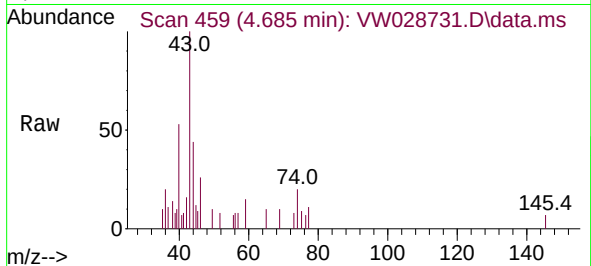




#15
Methyl Acetate
Concen: 0.471 ug/L
RT: 4.685 min Scan# 459
Delta R.T. 0.012 min
Lab File: VW028731.D
Acq: 24 May 2024 14:10

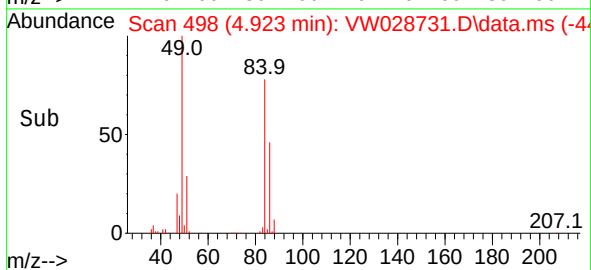
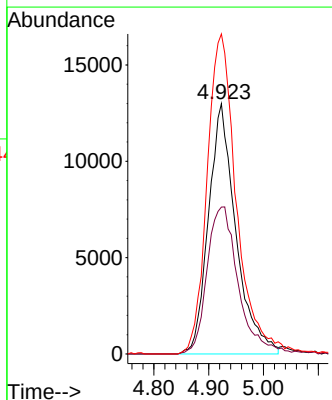
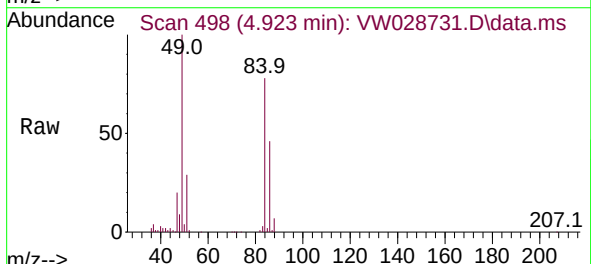
Instrument :
MSVOA_W
ClientSampleId :

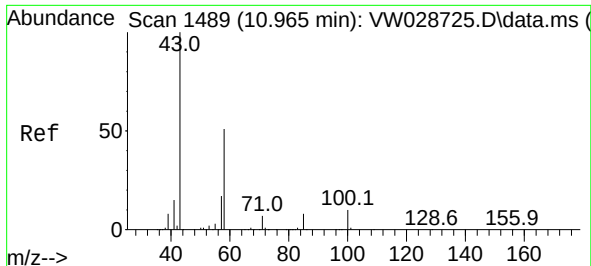
Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
74 11.0 17.6 26.4#



#16
Methylene chloride
Concen: 7.328 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW028731.D
Acq: 24 May 2024 14:10

Tgt Ion: 84 Resp: 45109
Ion Ratio Lower Upper
84 100
86 58.7 44.4 82.4
49 127.8 100.2 186.2





#48

2-Hexanone

Concen: 3.247 ug/L

RT: 10.946 min Scan# 1486

Delta R.T. -0.018 min

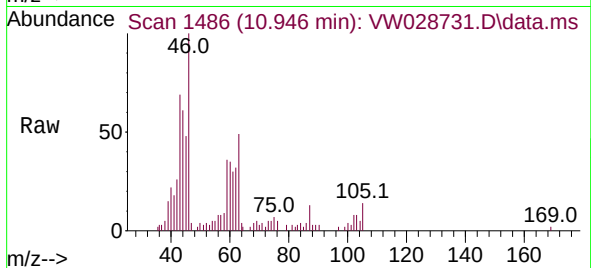
Lab File: VW028731.D

Acq: 24 May 2024 14:10

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 7289

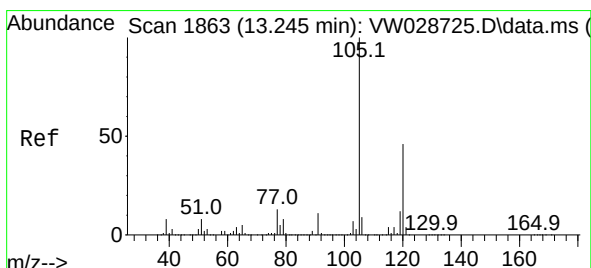
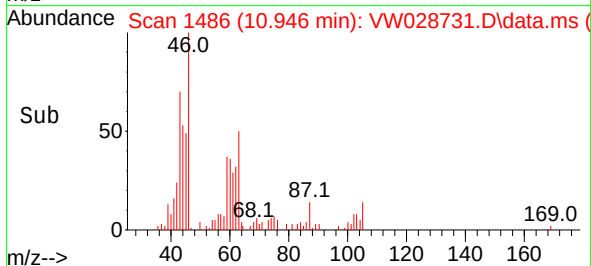
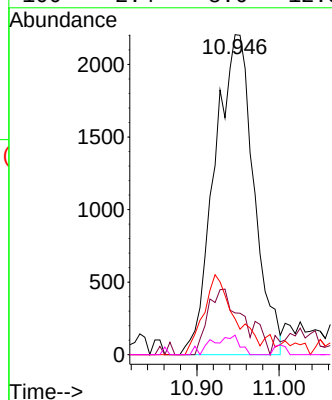
Ion Ratio Lower Upper

43 100

58 12.8 41.0 61.4#

57 0.0 14.8 22.2#

100 2.4 8.6 12.8#



#63

1,2,4-Trimethylbenzene

Concen: 0.340 ug/L

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW028731.D

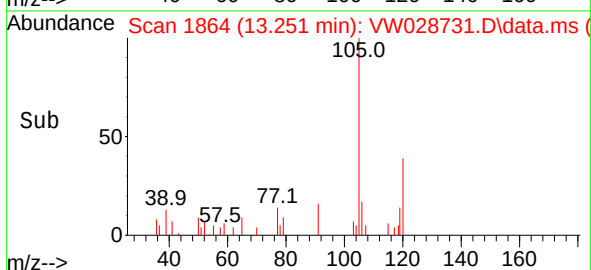
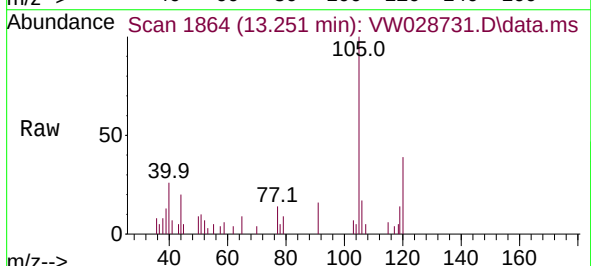
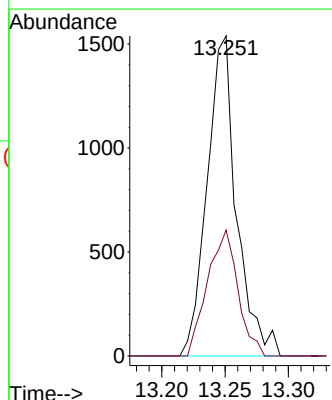
Acq: 24 May 2024 14:10

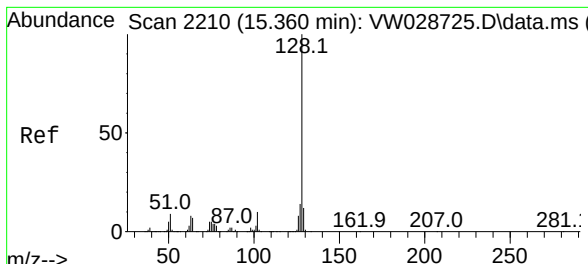
Tgt Ion:105 Resp: 2489

Ion Ratio Lower Upper

105 100

120 40.7 34.1 51.1





#71
 Naphthalene
 Concen: 1.981 ug/L
 RT: 15.360 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028731.D
 Acq: 24 May 2024 14:10

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	128	Resp:	9154
Ion Ratio	Lower	Upper	
128	100		
127	14.8	10.6	15.8
129	13.4	8.5	12.7#

