

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031324\
 Data File : VW028171.D
 Acq On : 13 Mar 2024 16:24
 Operator : SY/MD
 Sample : P1742-09
 Misc : 3.53g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 14 01:32:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 14 01:29:29 2024
 Response via : Initial Calibration

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

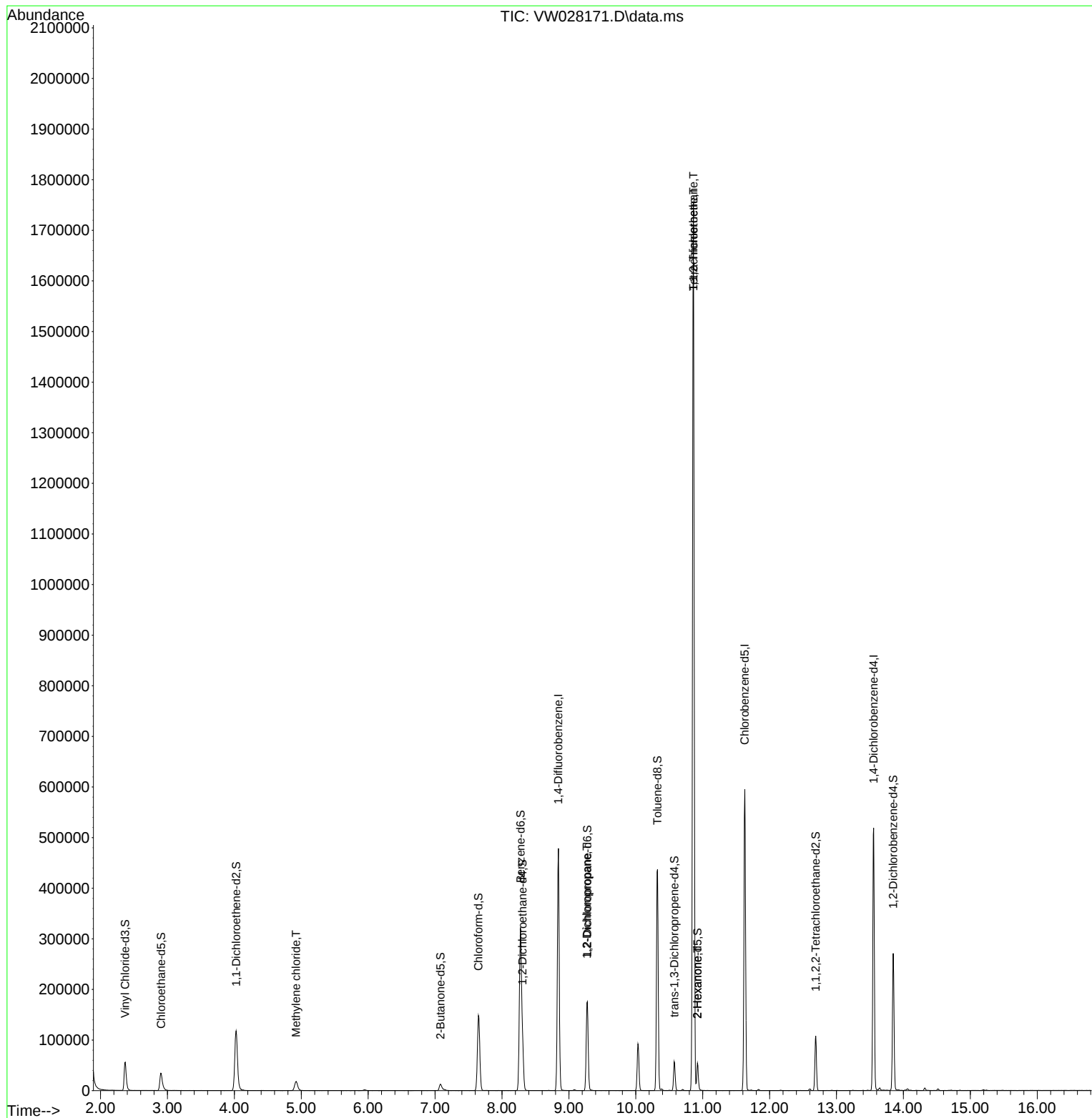
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	422470	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	358883	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	150191	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	79188	15.702	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.800%
7) Chloroethane-d5	2.905	69	55456	14.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.800%
11) 1,1-Dichloroethene-d2	4.027	65	37686	18.295	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.160%
21) 2-Butanone-d5	7.081	46	21160	29.413	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.820%
24) Chloroform-d	7.648	84	164405	18.373	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.480%
26) 1,2-Dichloroethane-d4	8.307	65	72539	17.419	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.680%#
32) Benzene-d6	8.276	84	362559	21.641	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.560%
36) 1,2-Dichloropropane-d6	9.276	67	84115	19.432	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.720%
41) Toluene-d8	10.325	98	313865	19.879	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.520%
43) trans-1,3-Dichloroprop...	10.575	79	33106	17.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.800%
47) 2-Hexanone-d5	10.922	63	19728	32.357	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	53125	15.550	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	62.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	75482	16.899	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	67.600%#
Target Compounds						
					Qvalue	
16) Methylene chloride	4.923	84	17688	3.044	ug/L	90
37) 1,2-Dichloropropane	9.270	63	9720	2.153	ug/L #	84
45) 1,1,2-Trichloroethane	10.861	97	3066	0.810	ug/L #	1
46) Tetrachloroethene	10.861	164	407845	85.662	ug/L	92
48) 2-Hexanone	10.922	43	2192	1.512	ug/L #	60

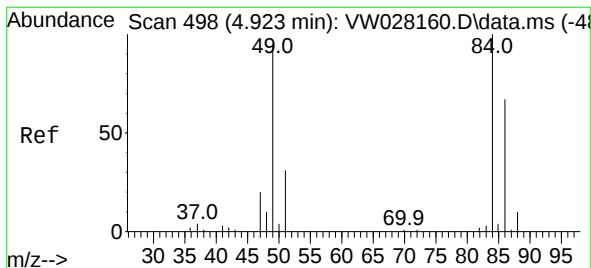
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Mar 14 01:29:29 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 3.044 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.000 min

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Instrument :

MSVOA_W

ClientSampleId :

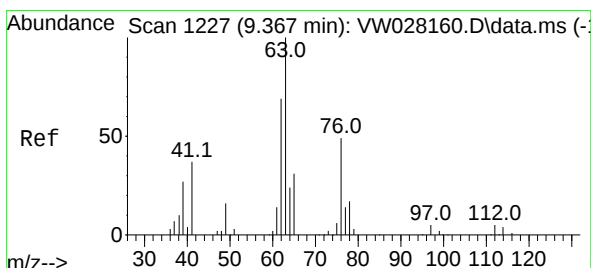
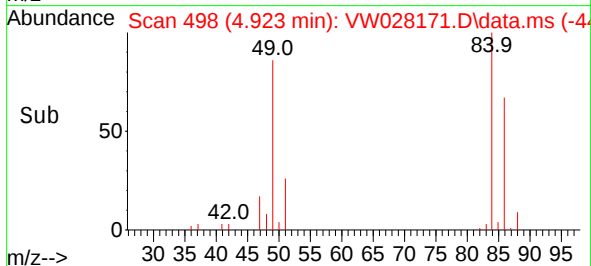
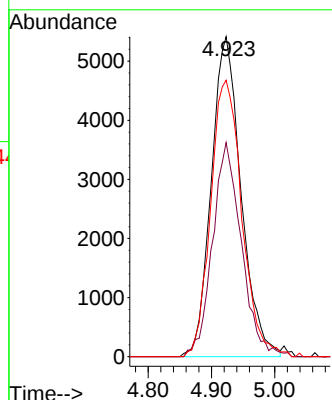
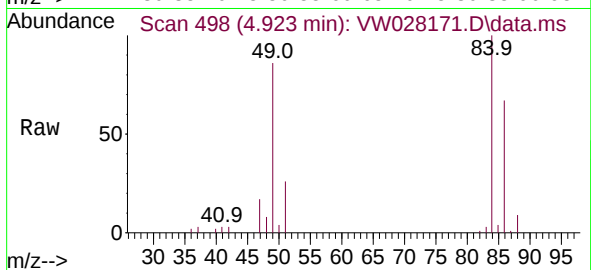
Tgt Ion: 84 Resp: 17688

Ion Ratio Lower Upper

84 100

86 66.9 41.2 76.6

49 86.4 66.5 123.5



#37

1,2-Dichloropropane

Concen: 2.153 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.097 min

Lab File: VW028171.D

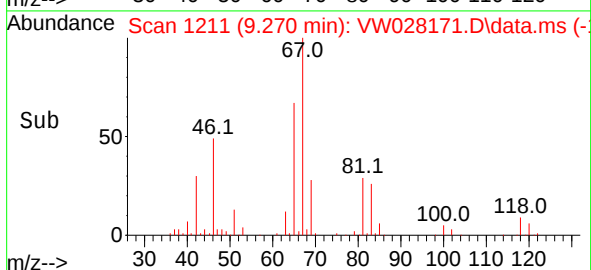
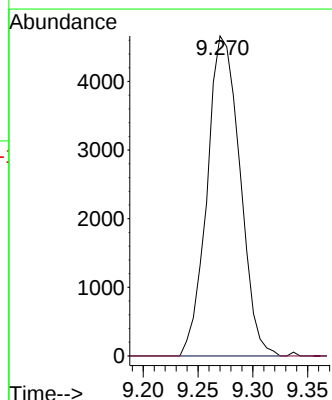
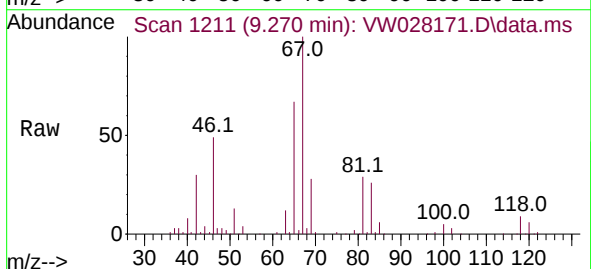
Acq: 13 Mar 2024 16:24

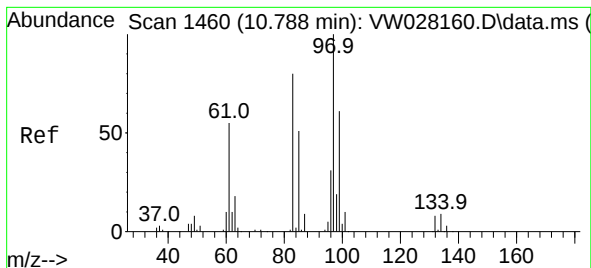
Tgt Ion: 63 Resp: 9720

Ion Ratio Lower Upper

63 100

112 0.0 4.4 6.6





#45

1,1,2-Trichloroethane

Concen: 0.810 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.074 min

Lab File: VW028171.D

Acq: 13 Mar 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 3066

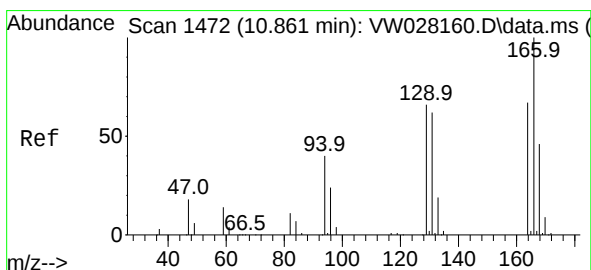
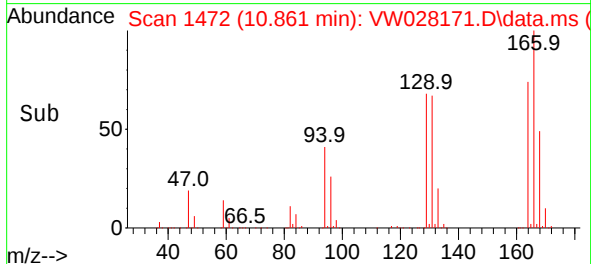
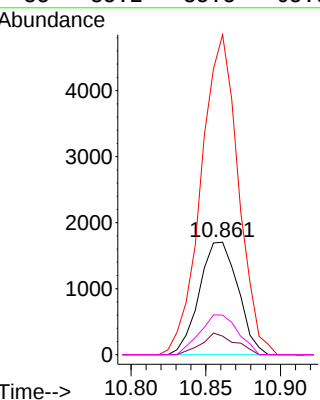
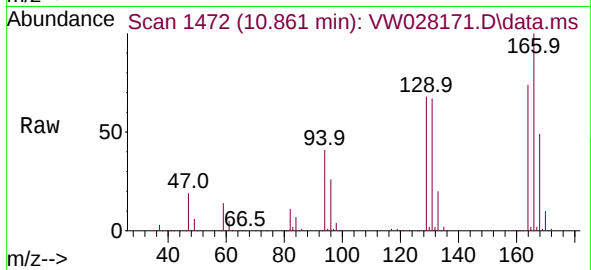
Ion Ratio Lower Upper

97 100

99 16.5 41.9 77.7#

83 284.4 56.1 104.1#

85 35.2 35.5 65.9#



#46

Tetrachloroethene

Concen: 85.662 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028171.D

Acq: 13 Mar 2024 16:24

Tgt Ion:164 Resp: 407845

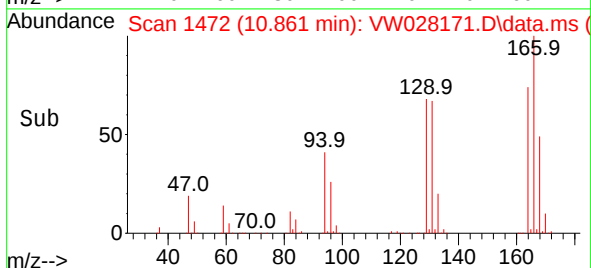
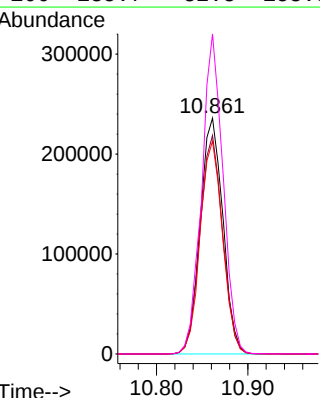
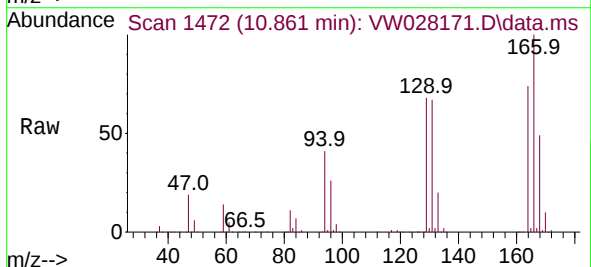
Ion Ratio Lower Upper

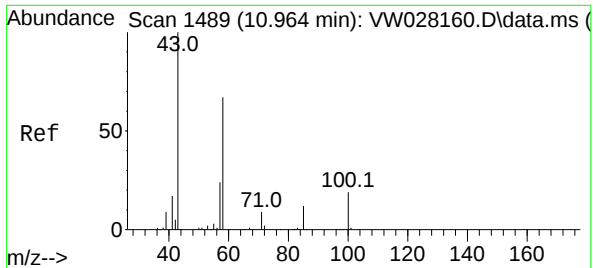
164 100

129 92.7 65.2 121.0

131 90.3 66.2 123.0

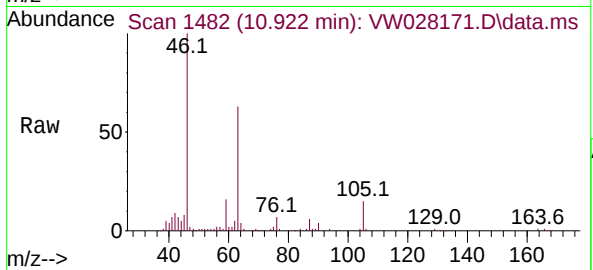
166 135.7 82.8 153.8





#48
 2-Hexanone
 Concen: 1.512 ug/L
 RT: 10.922 min Scan# 14
 Delta R.T. -0.042 min
 Lab File: VW028171.D
 Acq: 13 Mar 2024 16:24

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43	Resp:	2192
Ion	Ratio	Lower Upper
43	100	
58	25.1	51.8 77.8#
57	26.9	18.2 27.4
100	0.0	14.3 21.5#

