

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
 Data File : VW025514.D
 Acq On : 30 Mar 2023 19:47
 Operator : SY/MD
 Sample : 02130-12
 Misc : 6.36g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C11A1

Quant Time: Mar 31 02:26:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 31 02:21:49 2023
 Response via : Initial Calibration

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

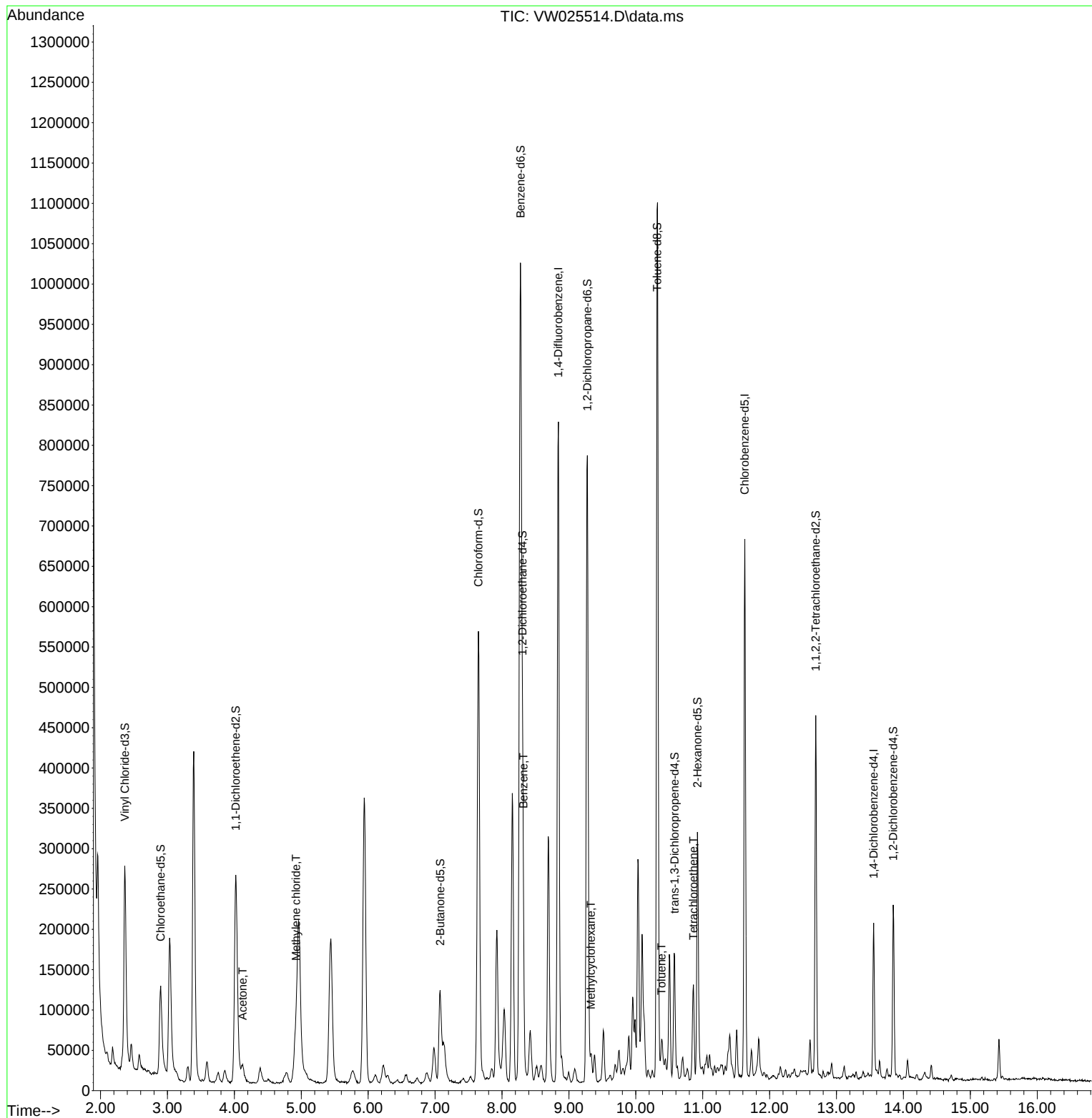
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	630206	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	339895	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	45829	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	145802	13.915	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.640%
7) Chloroethane-d5	2.899	69	166403	22.070	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.280%
11) 1,1-Dichloroethene-d2	4.021	63	312425	15.437	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.760%
21) 2-Butanone-d5	7.075	46	201389	78.300	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.600%#
24) Chloroform-d	7.648	84	549060	30.221	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	120.880%
26) 1,2-Dichloroethane-d4	8.307	65	299278	30.691	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.760%
32) Benzene-d6	8.276	84	1027947	44.261	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	177.040%#
36) 1,2-Dichloropropane-d6	9.276	67	369394	51.413	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	205.640%#
41) Toluene-d8	10.319	98	703328	34.347	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	137.400%#
43) trans-1,3-Dichloroprop...	10.581	79	74907	26.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.720%
47) 2-Hexanone-d5	10.922	63	100043	96.832	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	193.660%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	228555	43.420	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	173.680%#
66) 1,2-Dichlorobenzene-d4	13.848	152	52144	30.596	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.400%#
Target Compounds						
					Qvalue	
13) Acetone	4.125	43	31403	12.701	ug/L	99
16) Methylene chloride	4.923	84	35801	4.080	ug/L	92
33) Benzene	8.319	78	24759	1.139	ug/L	100
35) Methylcyclohexane	9.331	83	6721	0.684	ug/L #	41
42) Toluene	10.386	91	31736	1.414	ug/L	93
46) Tetrachloroethene	10.861	164	24357	6.002	ug/L	96

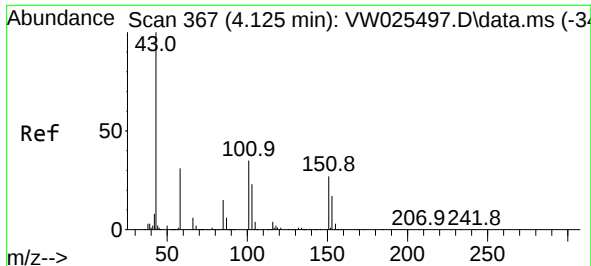
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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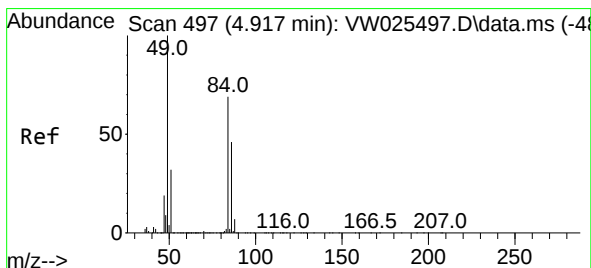
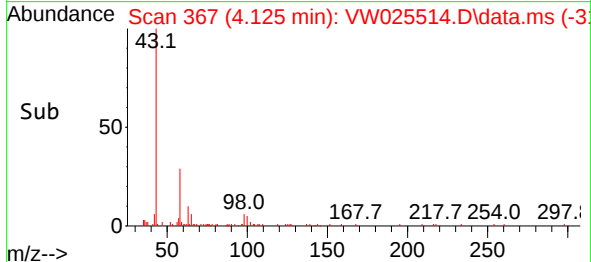
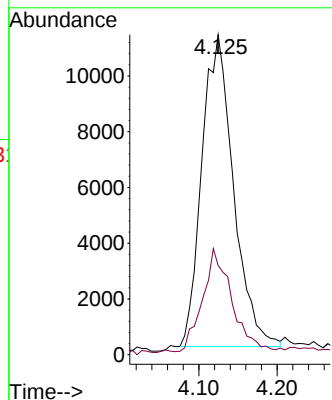
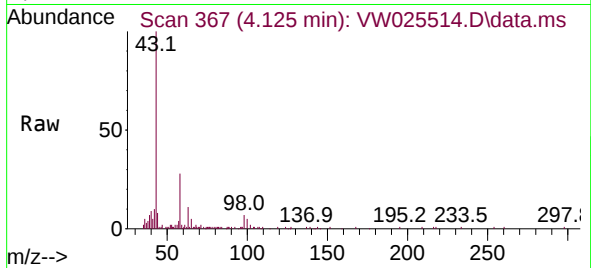




#13
Acetone
Concen: 12.701 ug/L
RT: 4.125 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW025514.D
Acq: 30 Mar 2023 19:47

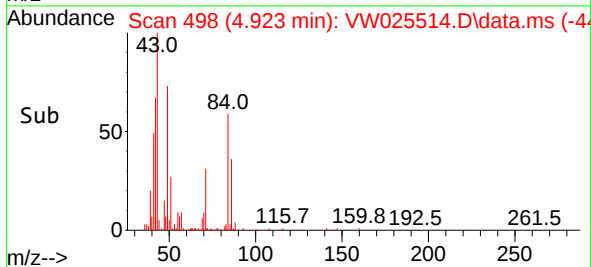
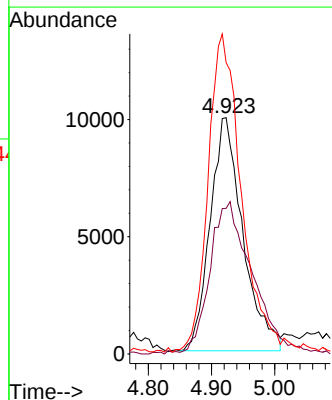
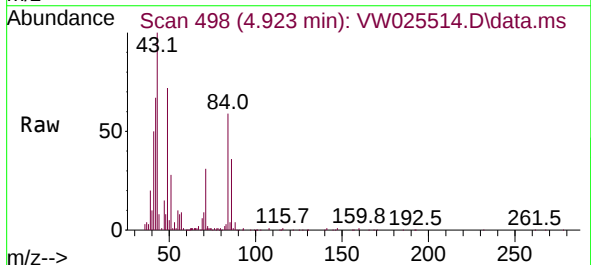
Instrument :
MSVOA_W
ClientSampleId :
C11A1

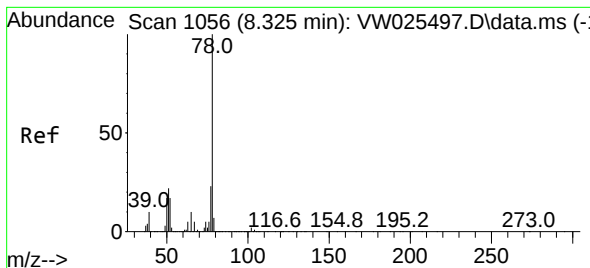
Tgt Ion: 43 Resp: 31403
Ion Ratio Lower Upper
43 100
58 30.6 0.0 60.0



#16
Methylene chloride
Concen: 4.080 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW025514.D
Acq: 30 Mar 2023 19:47

Tgt Ion: 84 Resp: 35801
Ion Ratio Lower Upper
84 100
86 61.6 45.1 83.7
49 123.3 94.7 175.9





#33

Benzene

Concen: 1.139 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW025514.D

Acq: 30 Mar 2023 19:47

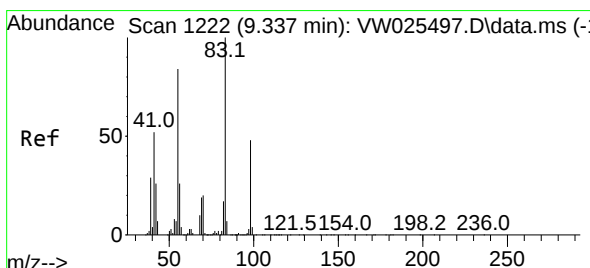
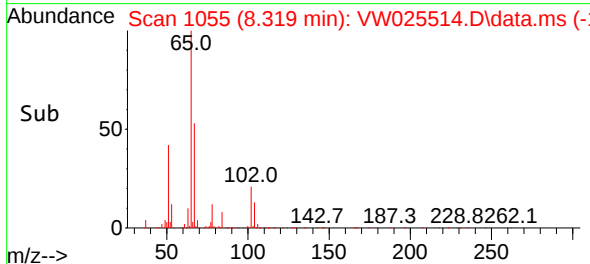
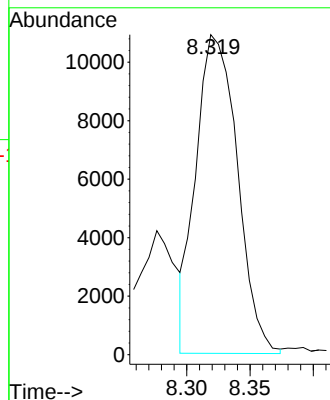
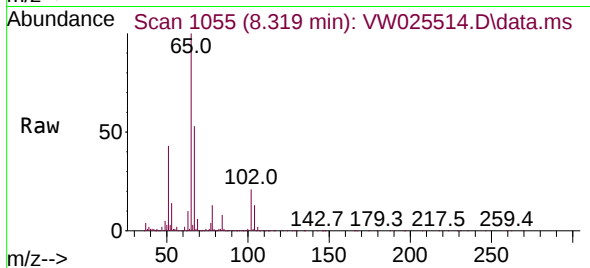
Instrument :

MSVOA_W

ClientSampleId :

C11A1

Tgt Ion: 78 Resp: 24759



#35

Methylcyclohexane

Concen: 0.684 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW025514.D

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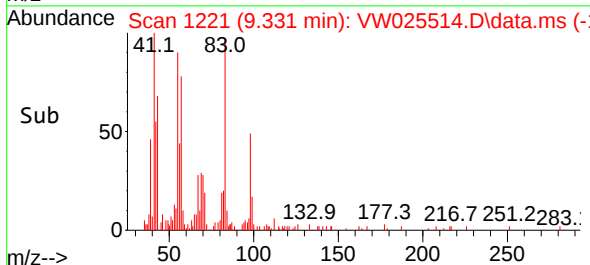
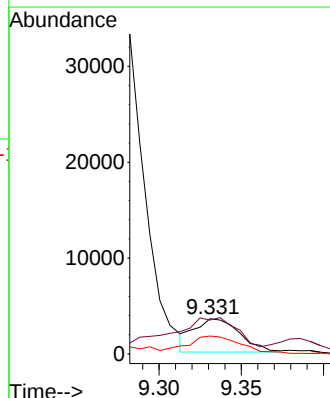
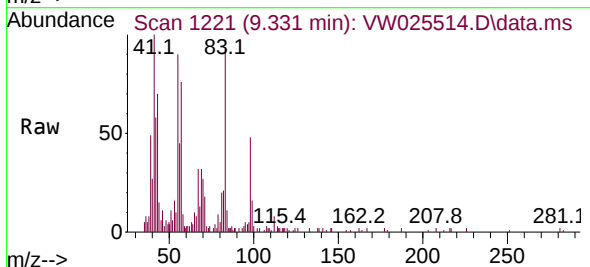
Tgt Ion: 83 Resp: 6721

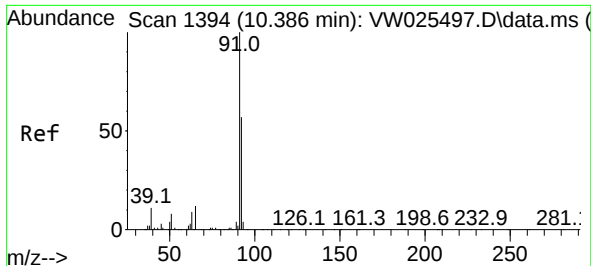
Ion Ratio Lower Upper

83 100

55 169.9 68.2 102.4#

98 48.6 39.0 58.4

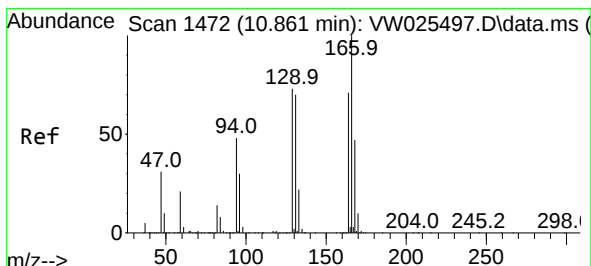
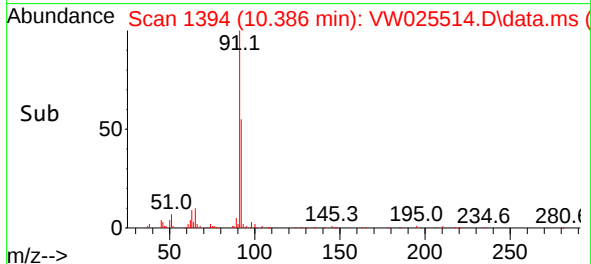
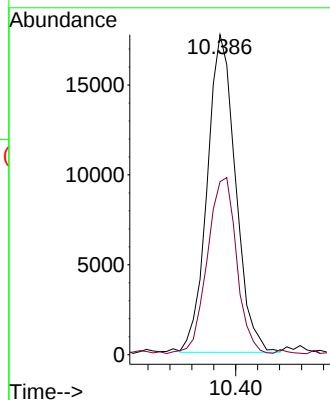
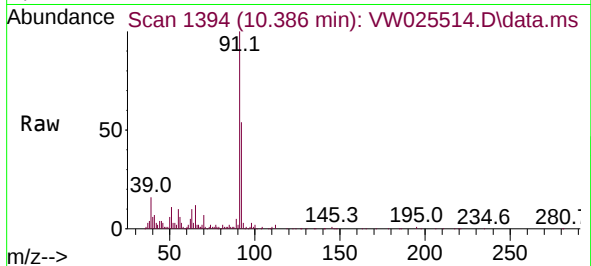




#42
Toluene
Concen: 1.414 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025514.D
Acq: 30 Mar 2023 19:47

Instrument :
MSVOA_W
ClientSampleId :
C11A1

Tgt Ion: 91 Resp: 31736
Ion Ratio Lower Upper
91 100
92 54.0 41.6 77.3



#46
Tetrachloroethene
Concen: 6.002 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025514.D
Acq: 30 Mar 2023 19:47

Tgt Ion:164 Resp: 24357
Ion Ratio Lower Upper
164 100
129 97.4 67.7 125.7
131 99.5 67.0 124.4
166 117.4 86.5 160.7

