

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020339.D
 Acq On : 07 Oct 2021 02:15
 Operator : SY/VA
 Sample : M4000-06
 Misc : 5.37g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 07 05:29:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 07 05:04:04 2021
 Response via : Initial Calibration

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

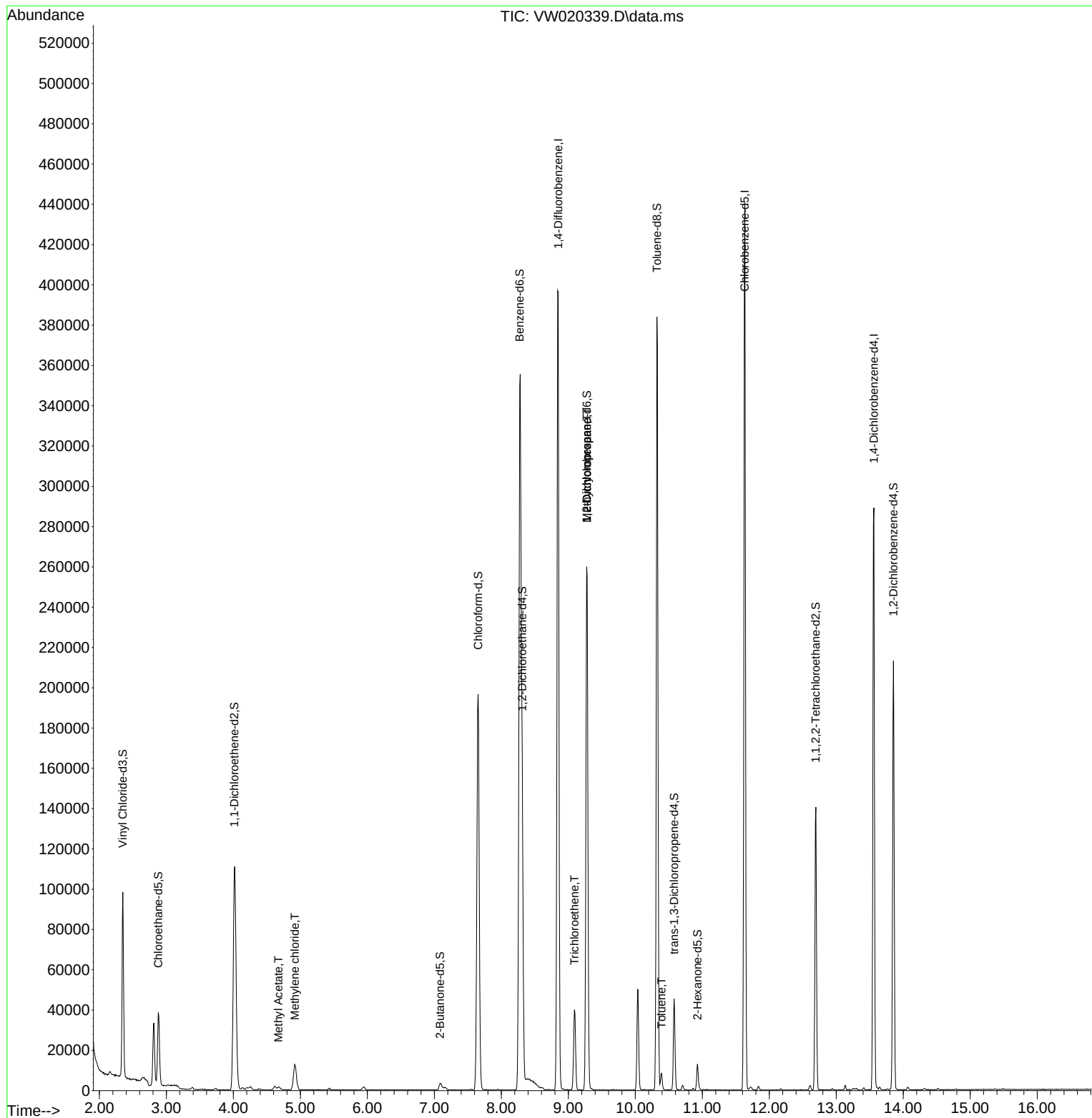
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	309818	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	225866	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	70525	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	83062	19.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.800%
7) Chloroethane-d5	2.879	69	39294	21.238	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.960%
11) 1,1-Dichloroethene-d2	4.013	63	114234	12.991	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.960%
21) 2-Butanone-d5	7.086	46	6674	6.153	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	12.300%#
24) Chloroform-d	7.653	84	196636	22.104	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	8.311	65	113281	23.268	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.080%
32) Benzene-d6	8.275	84	345393	25.256	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.040%
36) 1,2-Dichloropropane-d6	9.274	67	120282	27.730	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.920%
41) Toluene-d8	10.323	98	237984	19.214	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.840%
43) trans-1,3-Dichloroprop...	10.579	79	24006	13.602	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.400%
47) 2-Hexanone-d5	10.927	63	4003	6.677	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	13.360%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	69371	22.914	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	50033	20.260	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.040%
Target Compounds						
					Qvalue	
15) Methyl Acetate	4.672	43	2802	1.375	ug/L #	75
16) Methylene chloride	4.916	84	9026	1.631	ug/L	99
34) Trichloroethene	9.092	95	13246	3.428	ug/L	96
35) Methylcyclohexane	9.274	83	28112	4.171	ug/L #	15
37) 1,2-Dichloropropane	9.274	63	13872	3.545	ug/L #	88
42) Toluene	10.390	91	6127	0.388	ug/L	86

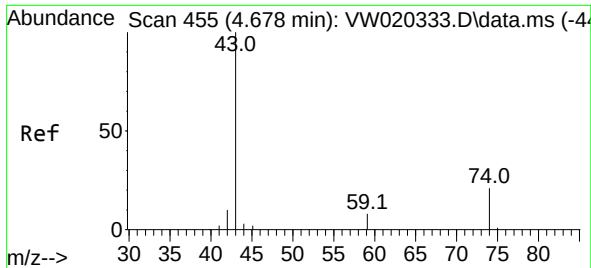
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 07 05:04:04 2021
Response via : Initial Calibration

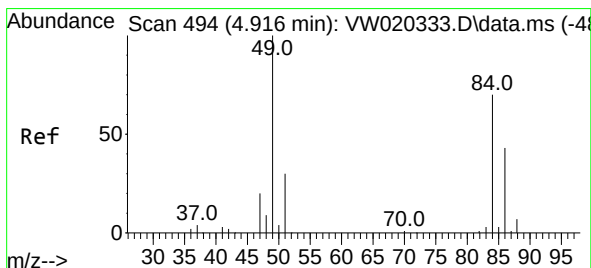
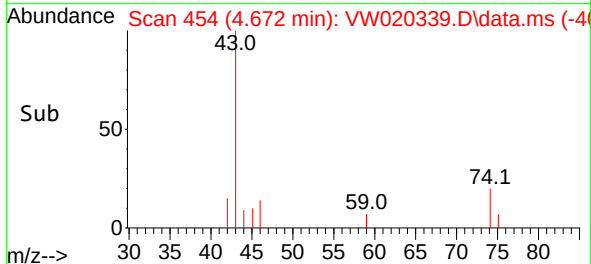
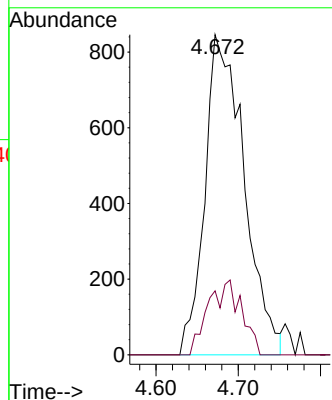
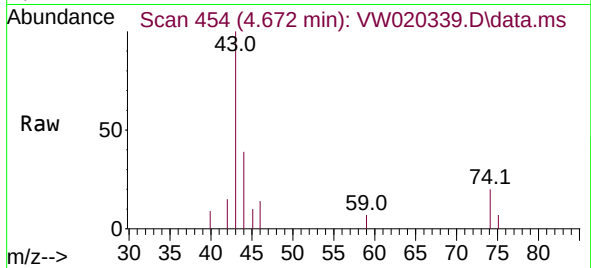




#15
Methyl Acetate
Concen: 1.375 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW020339.D
Acq: 07 Oct 2021 02:15

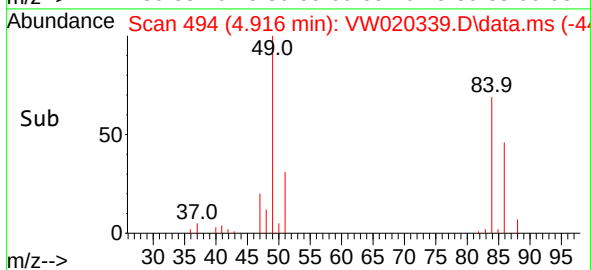
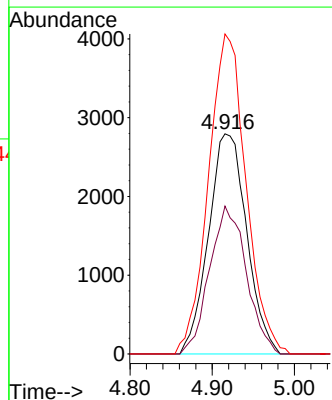
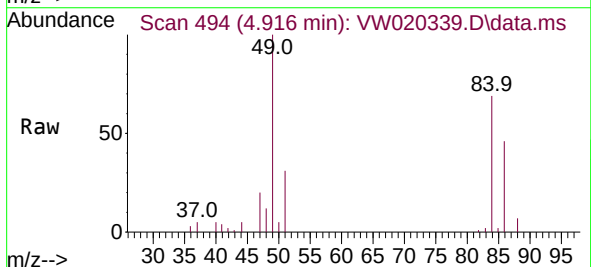
Instrument :
MSVOA_W
ClientSampled :

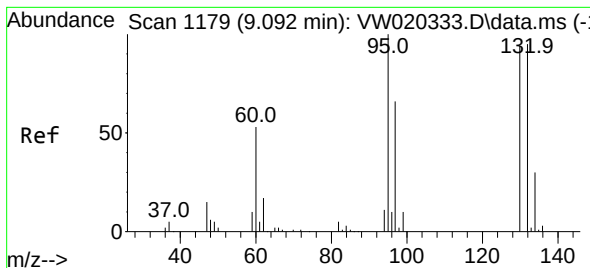
Tgt Ion: 43 Resp: 2802
Ion Ratio Lower Upper
43 100
74 8.7 16.1 24.1#



#16
Methylene chloride
Concen: 1.631 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW020339.D
Acq: 07 Oct 2021 02:15

Tgt Ion: 84 Resp: 9026
Ion Ratio Lower Upper
84 100
86 67.1 44.7 83.1
49 145.3 101.7 188.9





#34

Trichloroethene

Concen: 3.428 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW020339.D

Acq: 07 Oct 2021 02:15

Tgt Ion: 95 Resp: 13246

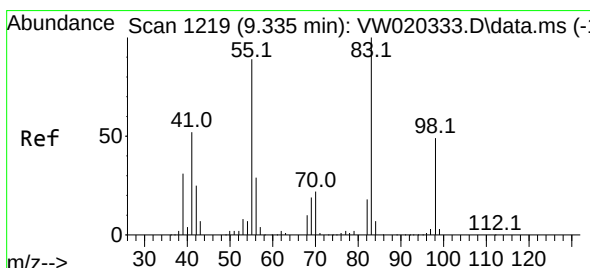
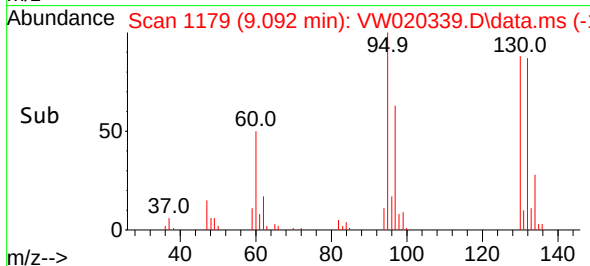
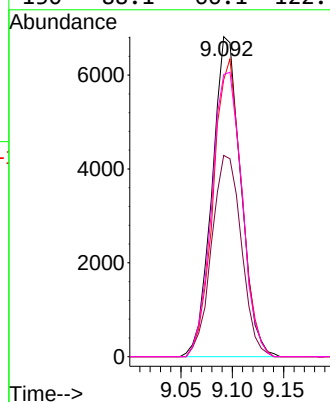
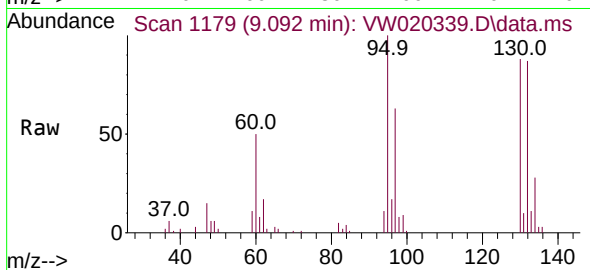
Ion Ratio Lower Upper

95 100

97 62.9 43.2 80.2

132 86.6 62.3 115.7

130 88.1 66.1 122.7



#35

Methylcyclohexane

Concen: 4.171 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW020339.D

Acq: 07 Oct 2021 02:15

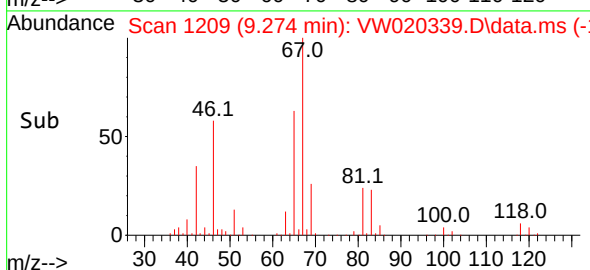
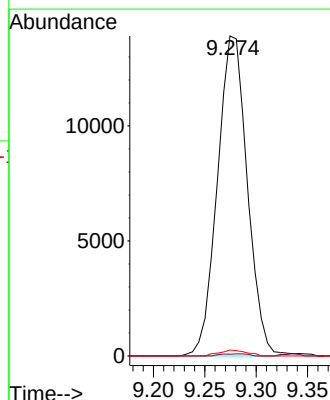
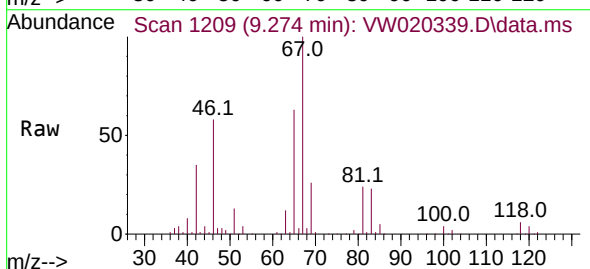
Tgt Ion: 83 Resp: 28112

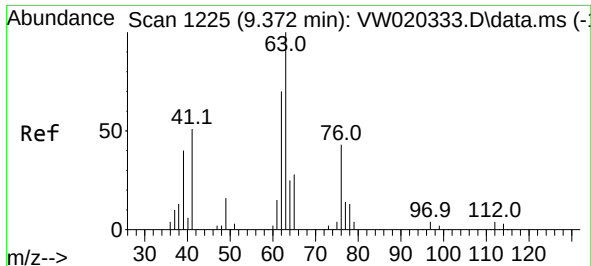
Ion Ratio Lower Upper

83 100

55 0.6 69.7 104.5#

98 1.7 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 3.545 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.098 min

Lab File: VW020339.D

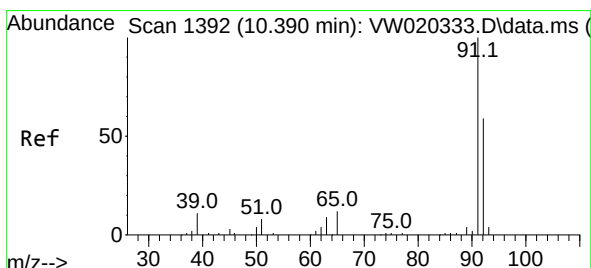
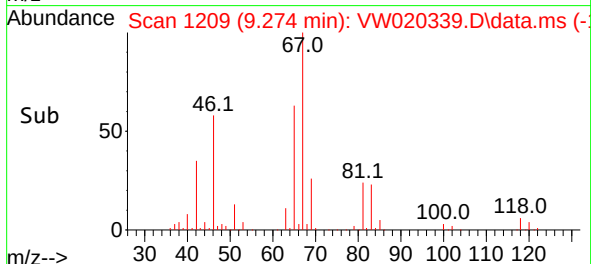
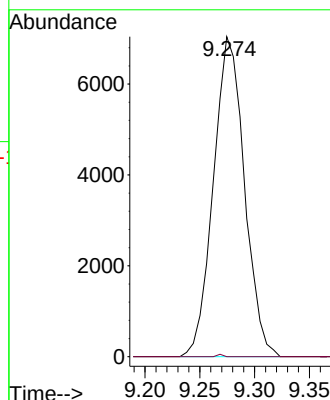
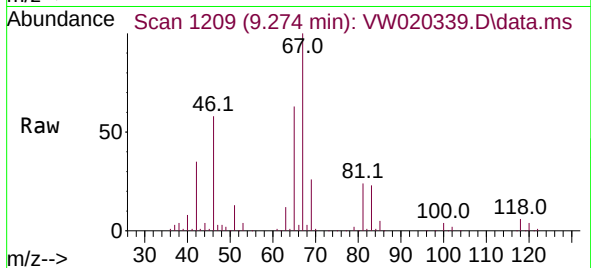
Acq: 07 Oct 2021 02:15

Tgt Ion: 63 Resp: 13872

Ion Ratio Lower Upper

63 100

112 0.3 3.5 5.3#



#42

Toluene

Concen: 0.388 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020339.D

Acq: 07 Oct 2021 02:15

Tgt Ion: 91 Resp: 6127

Ion Ratio Lower Upper

91 100

92 48.8 41.5 77.1

