

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021019.D
 Acq On : 02 Dec 2021 03:04
 Operator : SY/VA
 Sample : M4881-07
 Misc : 3.92g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 02 07:30:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 07:10:34 2021
 Response via : Initial Calibration

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

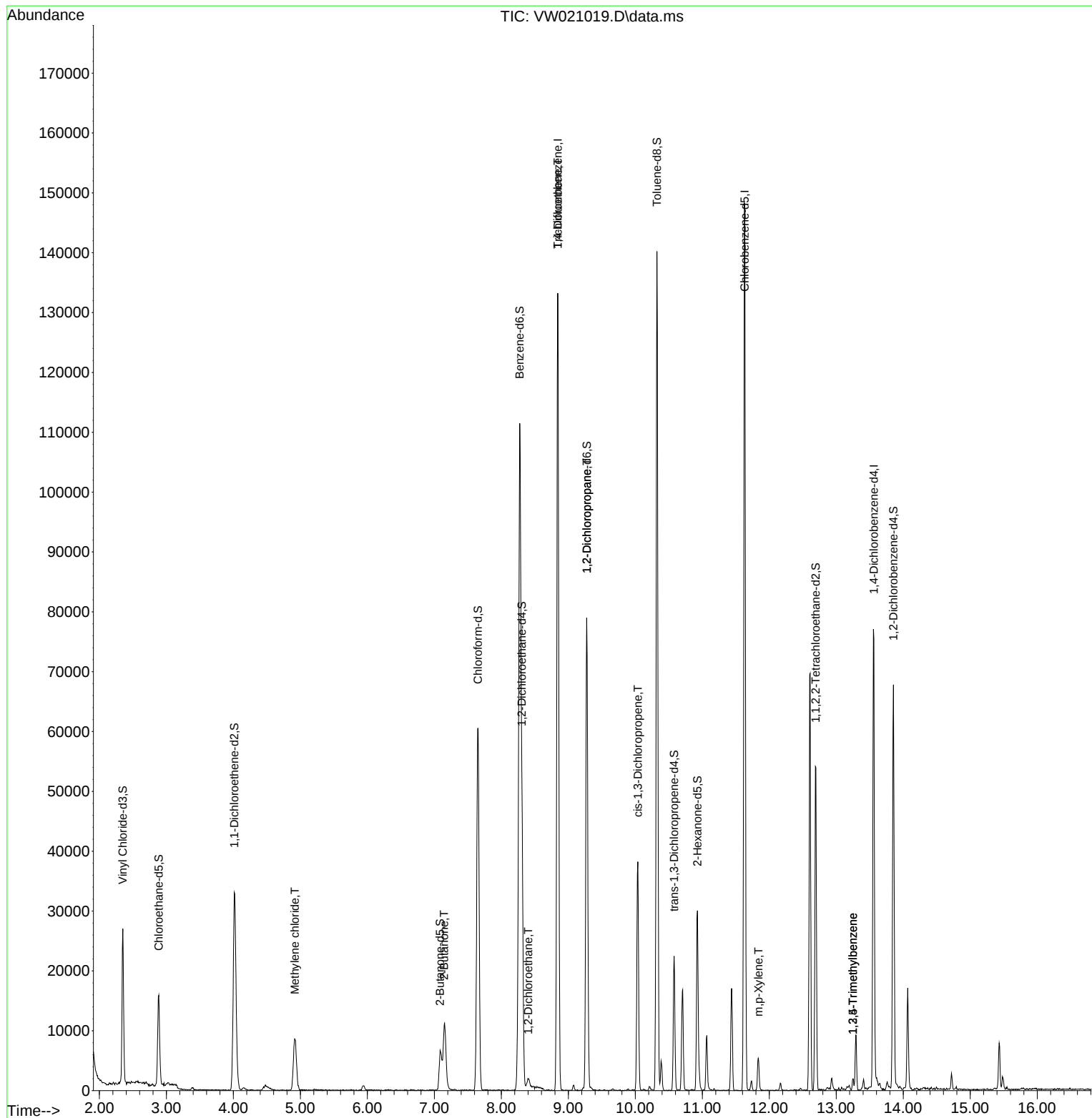
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	112833	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	85381	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	20754	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	23832	18.209	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.840%
7) Chloroethane-d5	2.885	69	17362	20.569	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.280%
11) 1,1-Dichloroethene-d2	4.013	63	30837	12.177	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.720%
21) 2-Butanone-d5	7.086	46	12029	36.822	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.640%
24) Chloroform-d	7.653	84	60861	21.407	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.640%
26) 1,2-Dichloroethane-d4	8.305	65	32193	22.309	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.240%
32) Benzene-d6	8.275	84	105918	23.537	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.160%
36) 1,2-Dichloropropane-d6	9.275	67	33487	26.133	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.520%
41) Toluene-d8	10.323	98	91709	20.533	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.120%
43) trans-1,3-Dichloroprop...	10.579	79	11555	19.078	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.320%
47) 2-Hexanone-d5	10.927	63	9709	45.684	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.360%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	24652	25.113	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	17448	23.588	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.360%
Target Compounds						
16) Methylene chloride	4.916	84	6783	4.310	ug/L	Qvalue 82
22) 2-Butanone	7.147	43	1612	4.068	ug/L	# 52
27) 1,2-Dichloroethane	8.403	62	1235	0.739	ug/L	98
34) Trichloroethene	8.842	95	3384	2.503	ug/L	# 5
37) 1,2-Dichloropropane	9.275	63	4196	3.729	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1215	0.654	ug/L	# 76
53) m,p-Xylene	11.841	106	1771	0.720	ug/L	90
62) 1,3,5-Trimethylbenzene	13.249	105	1546	0.648	ug/L	90
63) 1,2,4-Trimethylbenzene	13.249	105	1546	0.657	ug/L	94

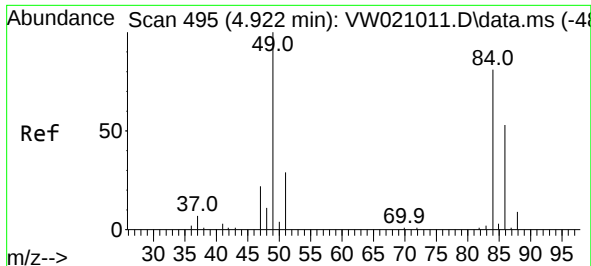
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 02 07:10:34 2021
Response via : Initial Calibration

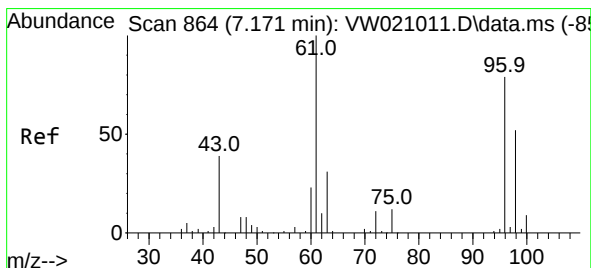
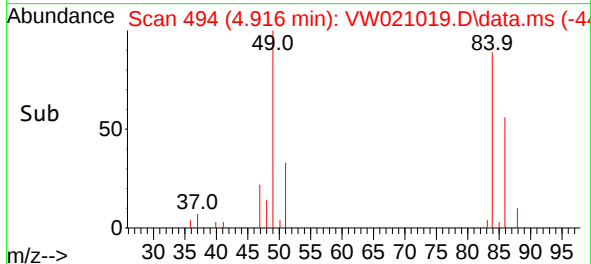
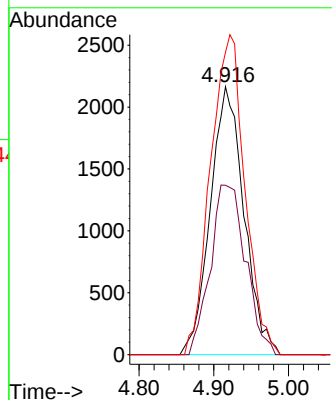
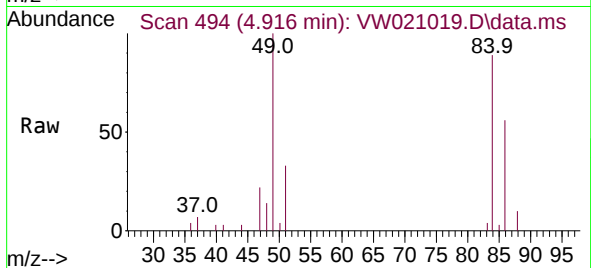




#16
Methylene chloride
Concen: 4.310 ug/L
RT: 4.916 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW021019.D
Acq: 02 Dec 2021 03:04

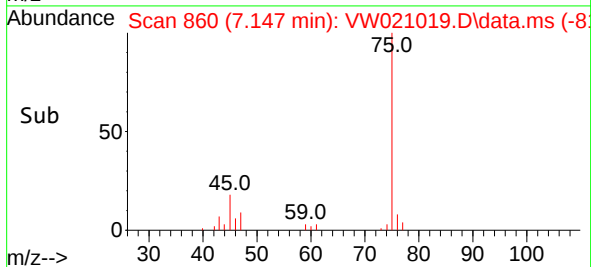
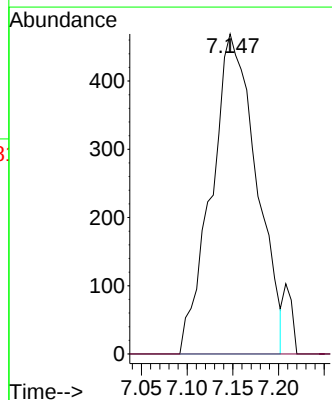
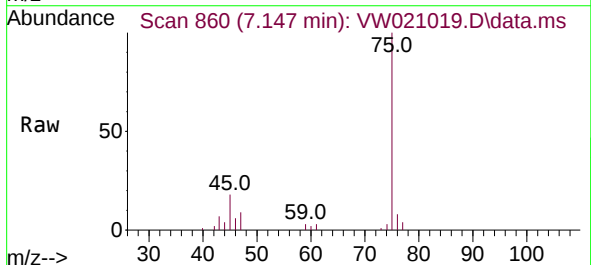
Instrument :
MSVOA_W
ClientSampleId :

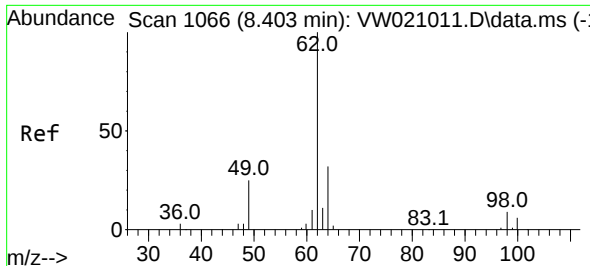
Tgt Ion: 84 Resp: 6783
Ion Ratio Lower Upper
84 100
86 63.2 45.5 84.5
49 112.7 100.5 186.7



#22
2-Butanone
Concen: 4.068 ug/L
RT: 7.147 min Scan# 860
Delta R.T. -0.024 min
Lab File: VW021019.D
Acq: 02 Dec 2021 03:04

Tgt Ion: 43 Resp: 1612
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#

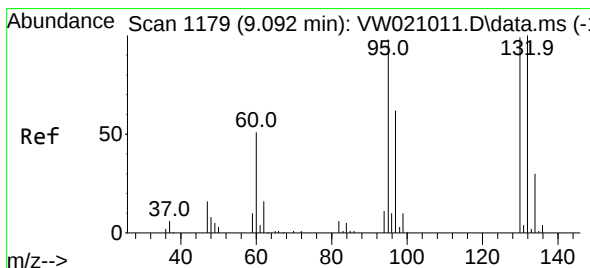
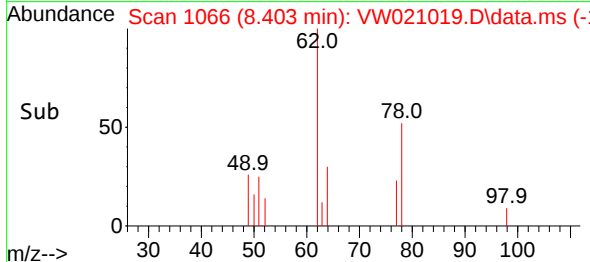
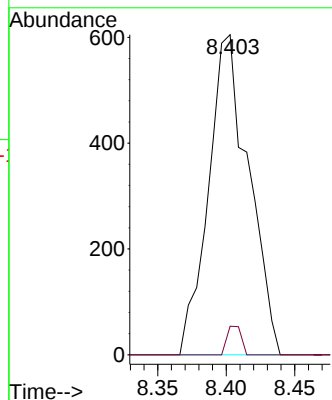
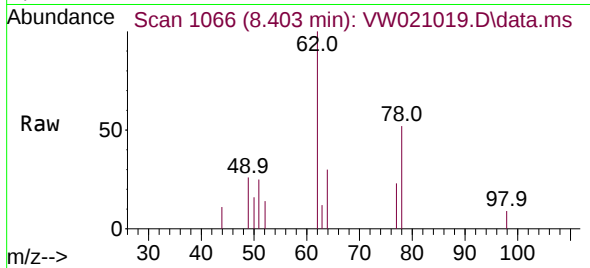




#27
1,2-Dichloroethane
Concen: 0.739 ug/L
RT: 8.403 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW021019.D
Acq: 02 Dec 2021 03:04

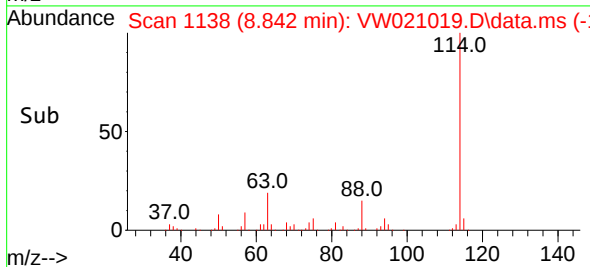
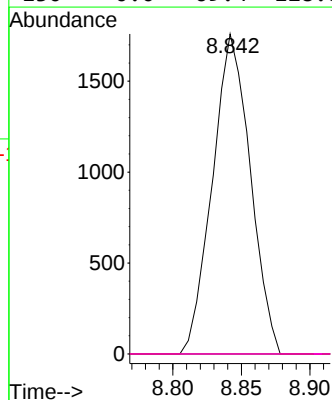
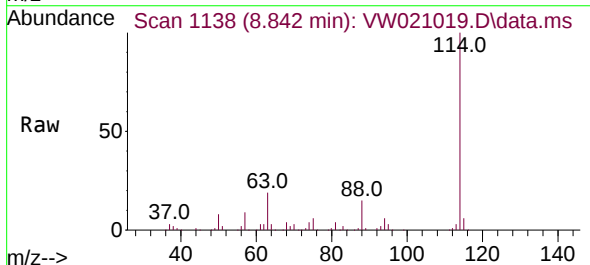
Instrument :
MSVOA_W
ClientSampleId :

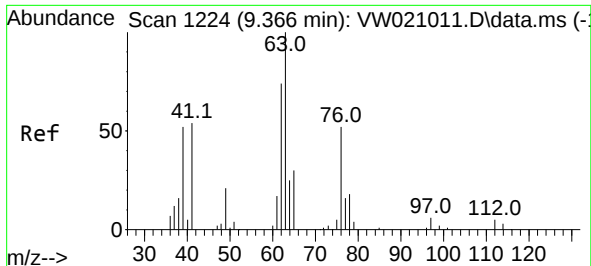
Tgt Ion: 62 Resp: 1235
Ion Ratio Lower Upper
62 100
98 8.9 6.5 9.7



#34
Trichloroethene
Concen: 2.503 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW021019.D
Acq: 02 Dec 2021 03:04

Tgt Ion: 95 Resp: 3384
Ion Ratio Lower Upper
95 100
97 0.0 47.0 87.2#
132 0.0 65.5 121.6#
130 0.0 69.4 128.8#





#37

1,2-Dichloropropane

Concen: 3.729 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021019.D

Acq: 02 Dec 2021 03:04

Instrument :

MSVOA_W

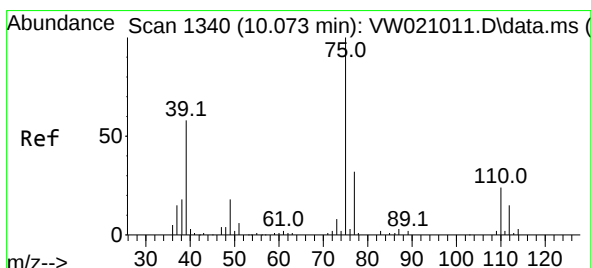
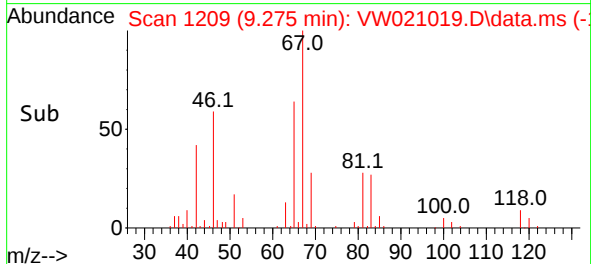
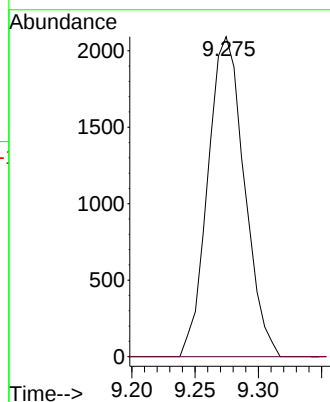
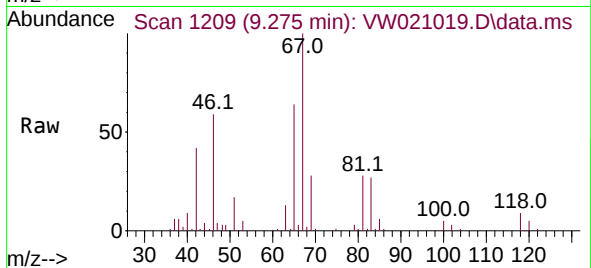
ClientSampleId :

Tgt Ion: 63 Resp: 4196

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.654 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021019.D

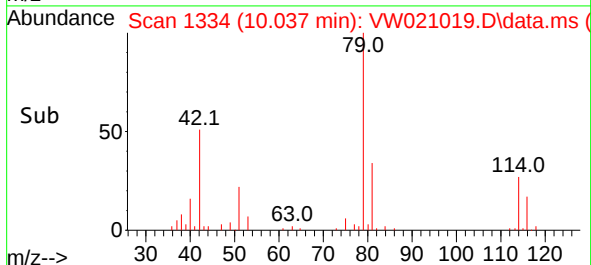
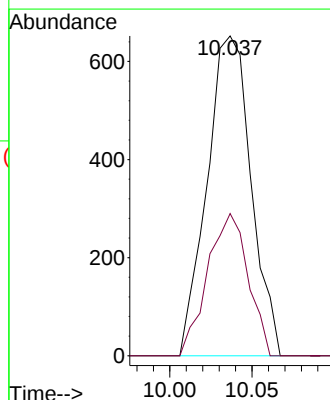
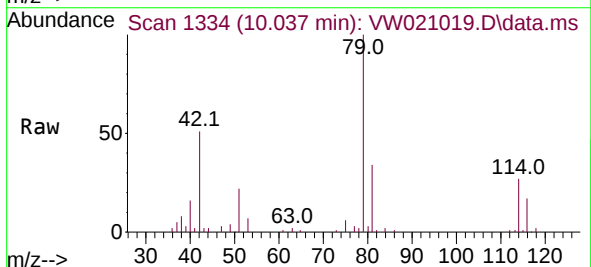
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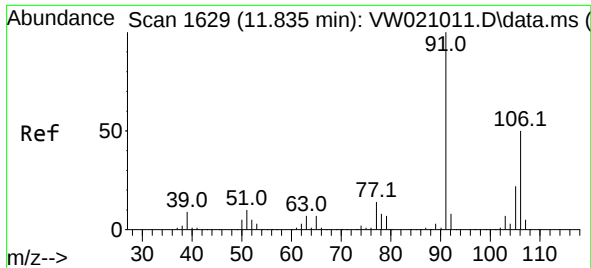
Tgt Ion: 75 Resp: 1215

Ion Ratio Lower Upper

75 100

77 44.5 21.8 40.6#

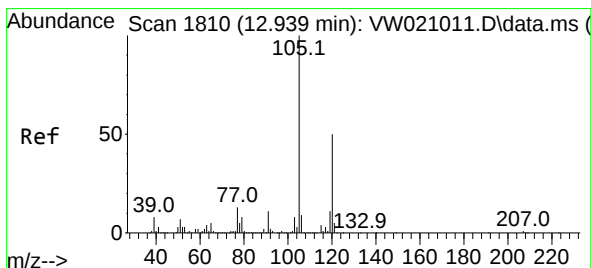
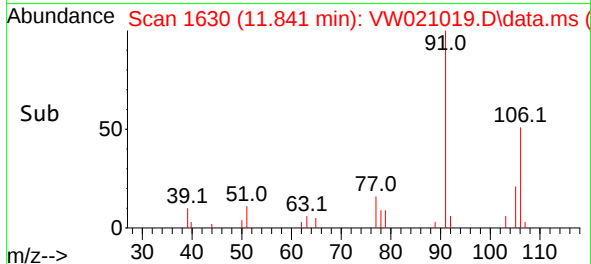
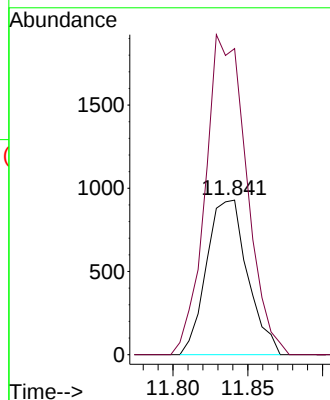
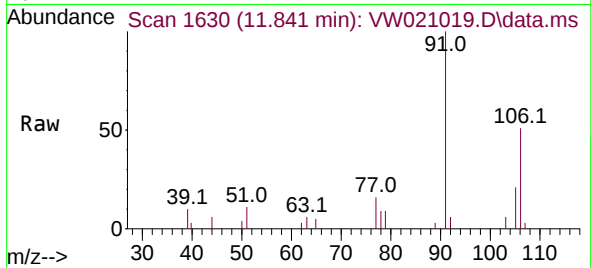




#53
m,p-Xylene
Concen: 0.720 ug/L
RT: 11.841 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW021019.D
Acq: 02 Dec 2021 03:04

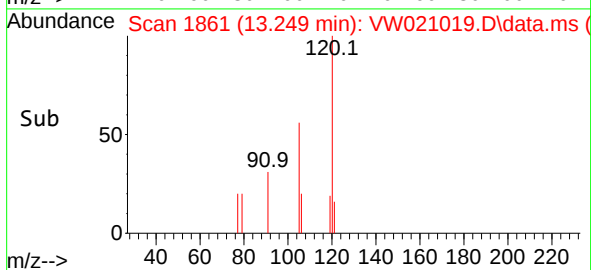
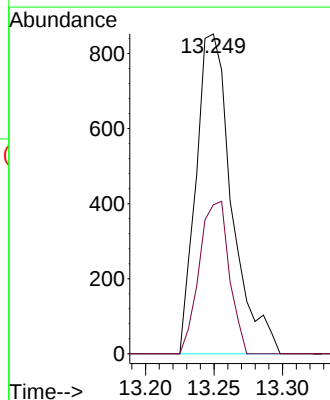
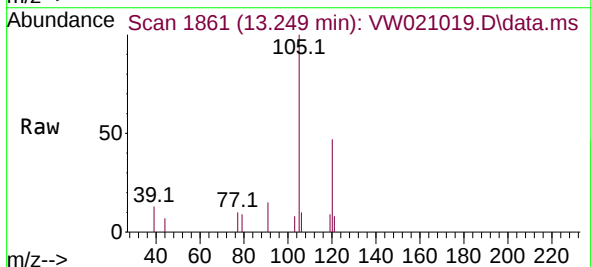
Instrument :
MSVOA_W
ClientSampleId :

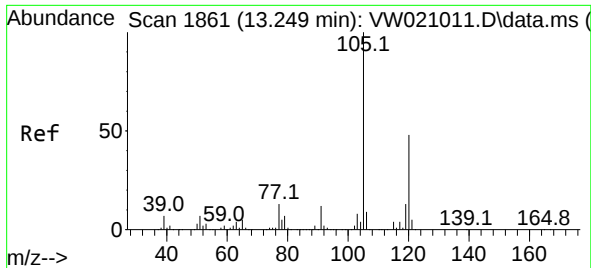
Tgt Ion:106 Resp: 1771
Ion Ratio Lower Upper
106 100
91 198.0 149.9 278.3



#62
1,3,5-Trimethylbenzene
Concen: 0.648 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.311 min
Lab File: VW021019.D
Acq: 02 Dec 2021 03:04

Tgt Ion:105 Resp: 1546
Ion Ratio Lower Upper
105 100
120 39.8 37.4 56.2





#63
 1,2,4-Trimethylbenzene
 Concen: 0.657 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021019.D
 Acq: 02 Dec 2021 03:04

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 1546
 Ion Ratio Lower Upper
 105 100
 120 39.8 35.0 52.6

