

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021539.D
 Acq On : 21 Dec 2021 21:53
 Operator : SY/VA
 Sample : M5194-05
 Misc : 6.63g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 22 03:51:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 22 02:57:00 2021
 Response via : Initial Calibration

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

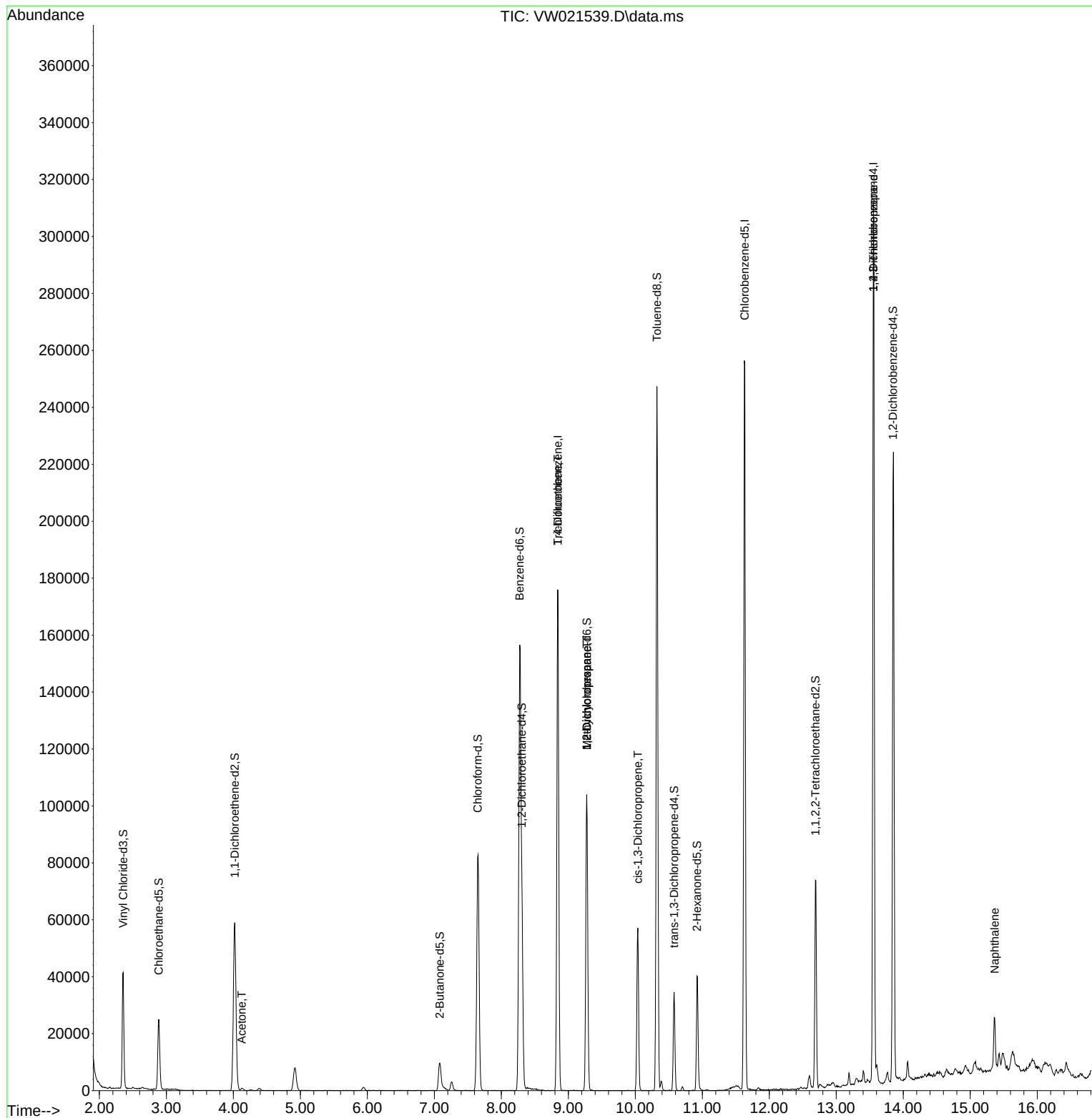
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	151827	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	147021	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	81558	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	40503	14.648	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.600%		
7) Chloroethane-d5	2.885	69	28184	15.418	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	61.680%		
11) 1,1-Dichloroethene-d2	4.019	63	55922	15.169	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.680%		
21) 2-Butanone-d5	7.080	46	17181	44.079	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	88.160%		
24) Chloroform-d	7.647	84	84502	19.972	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.880%		
26) 1,2-Dichloroethane-d4	8.305	65	45933	20.409	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	81.640%		
32) Benzene-d6	8.275	84	162437	20.157	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.640%		
36) 1,2-Dichloropropane-d6	9.274	67	45463	21.035	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	84.160%		
41) Toluene-d8	10.323	98	163922	19.908	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	79.640%		
43) trans-1,3-Dichloroprop...	10.579	79	18662	18.753	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	75.000%		
47) 2-Hexanone-d5	10.920	63	14016	43.856	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.720%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	33910	18.252	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	73.000%		
66) 1,2-Dichlorobenzene-d4	13.847	152	58458	18.495	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	73.960%#		
Target Compounds					Qvalue	
13) Acetone	4.123	43	1570	4.493	ug/L	95
34) Trichloroethene	8.842	95	4396	1.955	ug/L #	5
35) Methylcyclohexane	9.274	83	12147	3.275	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	5801	3.247	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1641	0.583	ug/L #	61
61) 1,2,3-Trichloropropane	13.554	75	8749	7.371	ug/L #	66
71) Naphthalene	15.365	128	16555	3.243	ug/L	98

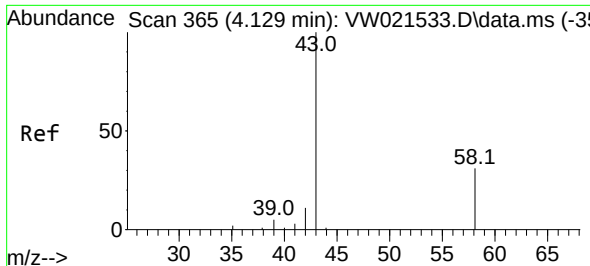
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Dec 22 02:57:00 2021
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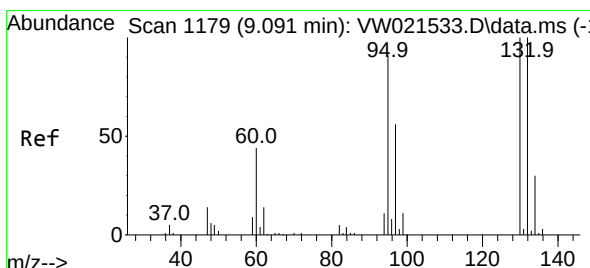
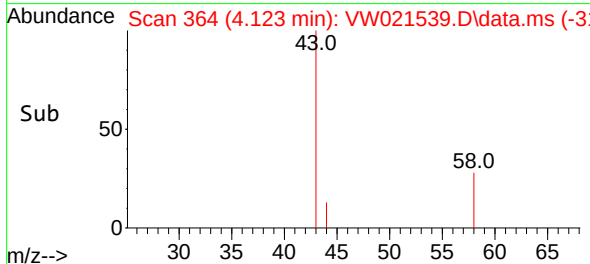
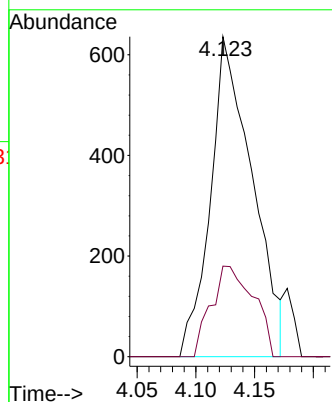
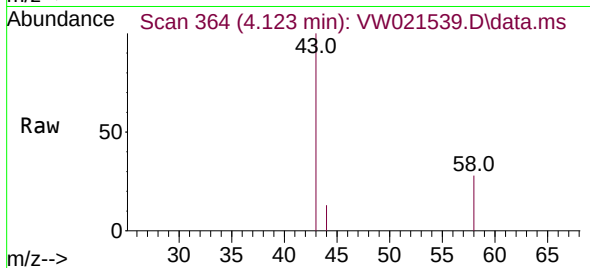




#13
Acetone
Concen: 4.493 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW021539.D
Acq: 21 Dec 2021 21:53

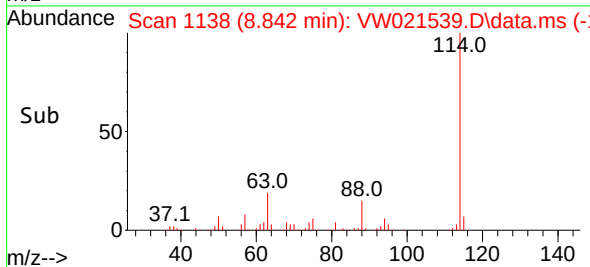
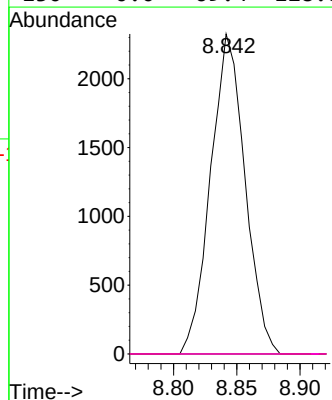
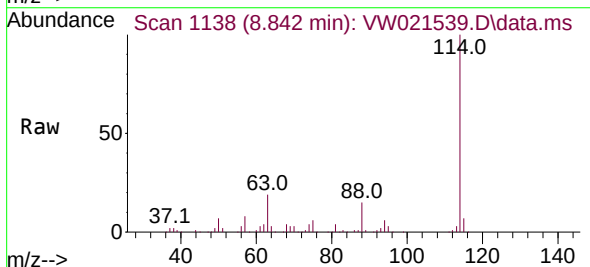
Instrument :
MSVOA_W
ClientSampleId :

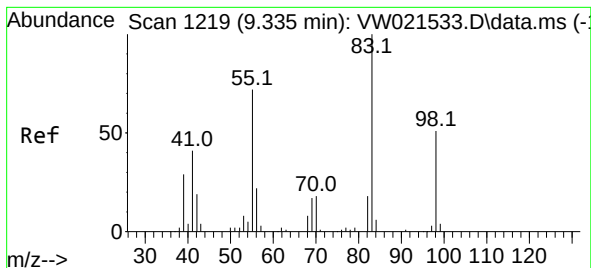
Tgt Ion: 43 Resp: 1570
Ion Ratio Lower Upper
43 100
58 28.8 0.0 52.8



#34
Trichloroethene
Concen: 1.955 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW021539.D
Acq: 21 Dec 2021 21:53

Tgt Ion: 95 Resp: 4396
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#





#35

Methylcyclohexane

Concen: 3.275 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021539.D

Acq: 21 Dec 2021 21:53

Instrument :

MSVOA_W

ClientSampleId :

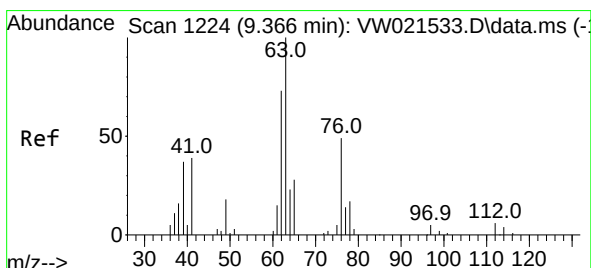
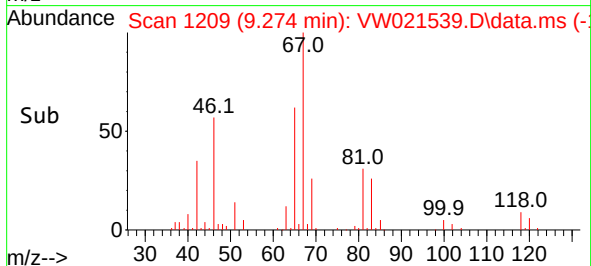
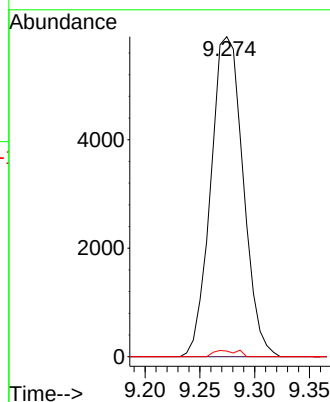
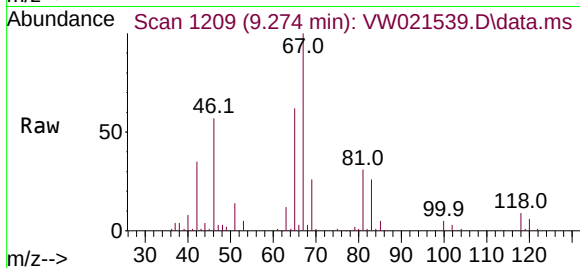
Tgt Ion: 83 Resp: 12147

Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 1.1 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 3.247 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.091 min

Lab File: VW021539.D

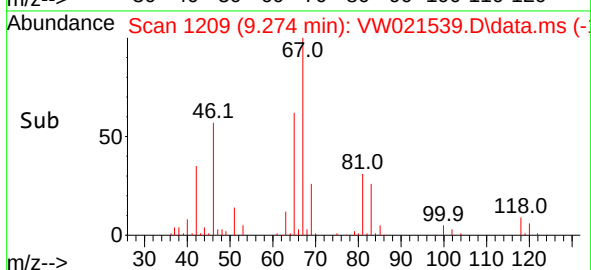
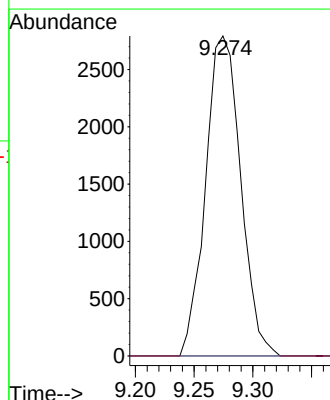
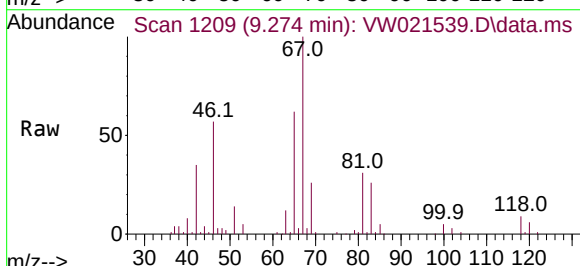
Acq: 21 Dec 2021 21:53

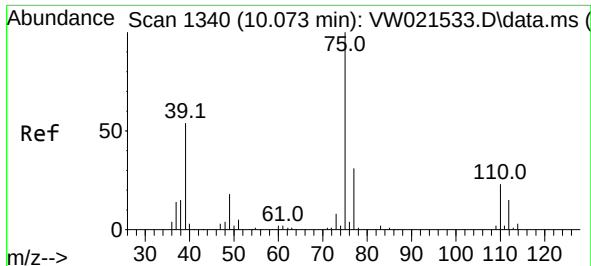
Tgt Ion: 63 Resp: 5801

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.583 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021539.D

Acq: 21 Dec 2021 21:53

Instrument :

MSVOA_W

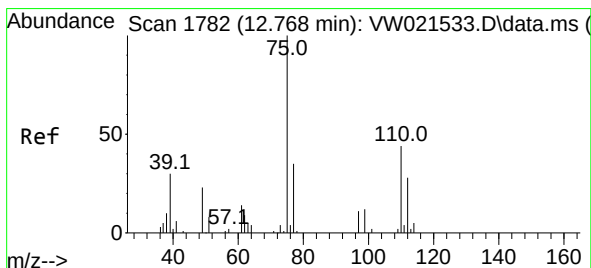
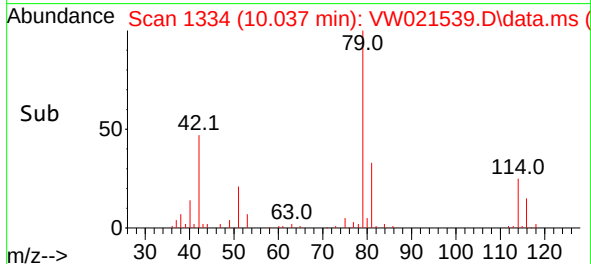
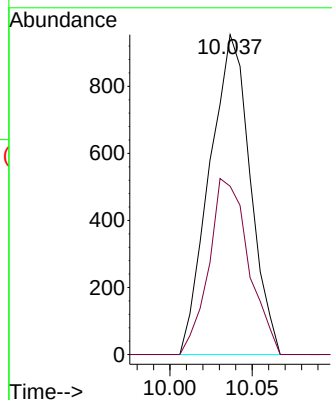
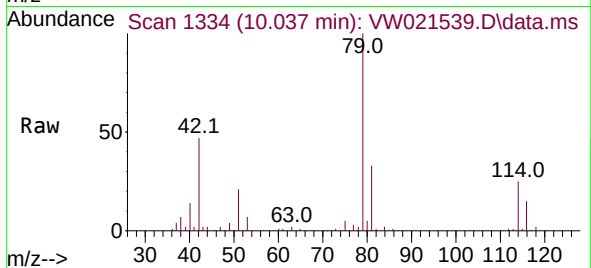
ClientSampleId :

Tgt Ion: 75 Resp: 1641

Ion Ratio Lower Upper

75 100

77 52.6 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 7.371 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.787 min

Lab File: VW021539.D

Acq: 21 Dec 2021 21:53

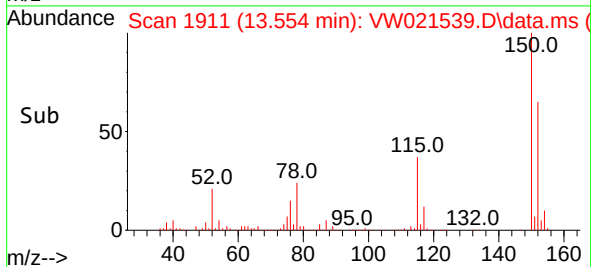
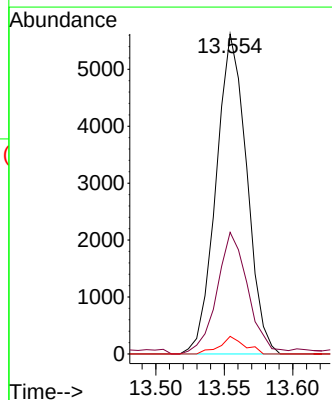
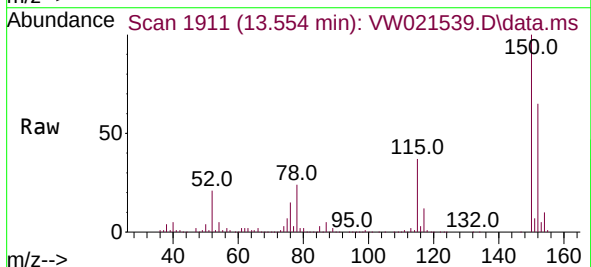
Tgt Ion: 75 Resp: 8749

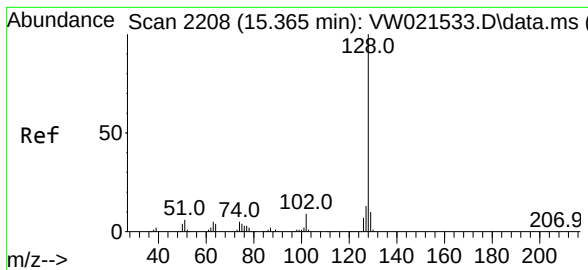
Ion Ratio Lower Upper

75 100

77 38.6 25.8 38.8

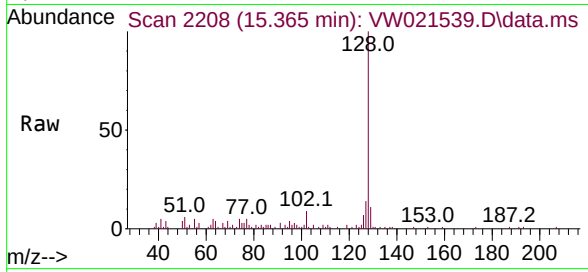
110 4.4 29.0 43.4#





#71
 Naphthalene
 Concen: 3.243 ug/L
 RT: 15.365 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW021539.D
 Acq: 21 Dec 2021 21:53

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	128	Resp:	16555
Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.7	16.1
129	11.8	8.6	12.8

