

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021524.D
 Acq On : 21 Dec 2021 14:16
 Operator : SY/VA
 Sample : M5125-12
 Misc : 10.48g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 22 01:21:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 22 01:15:19 2021
 Response via : Initial Calibration

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

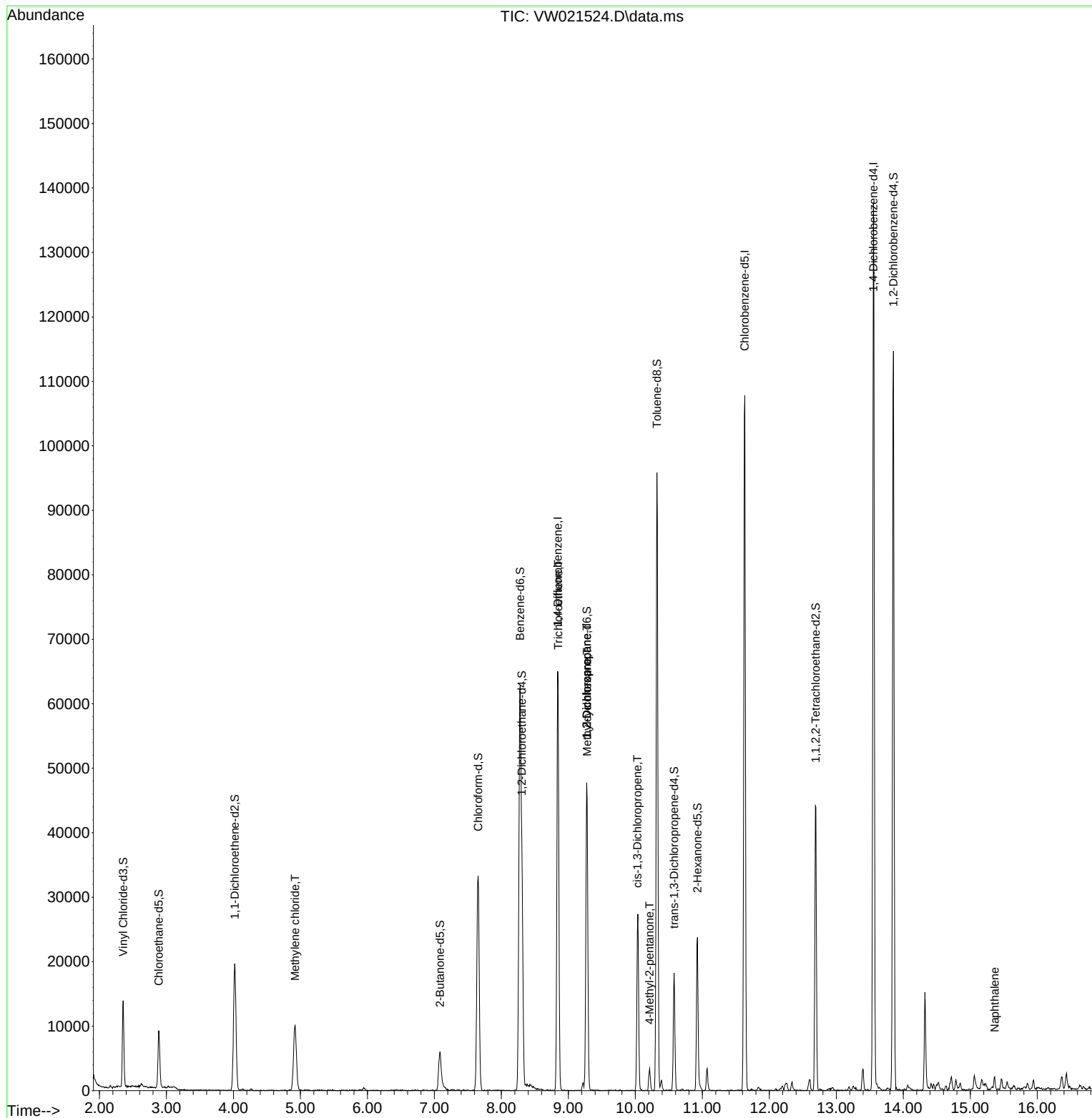
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	57156	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	62305	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	35789	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	12151	11.673	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.680%
7) Chloroethane-d5	2.885	69	9351	13.589	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.360%
11) 1,1-Dichloroethene-d2	4.019	63	18317	13.199	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.800%
21) 2-Butanone-d5	7.086	46	10549	71.892	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.780%#
24) Chloroform-d	7.653	84	34912	21.918	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.680%
26) 1,2-Dichloroethane-d4	8.305	65	24525	28.946	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.800%
32) Benzene-d6	8.281	84	63836	18.692	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.760%
36) 1,2-Dichloropropane-d6	9.274	67	20386	22.258	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.040%
41) Toluene-d8	10.323	98	63488	18.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.760%
43) trans-1,3-Dichloroprop...	10.579	79	9655	22.894	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.560%
47) 2-Hexanone-d5	10.927	63	7918	58.462	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.920%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	20390	25.897	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	30029	21.650	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.600%
Target Compounds						Qvalue
16) Methylene chloride	4.921	84	7816	8.276	ug/L	83
34) Trichloroethene	8.848	95	1814	1.904	ug/L	# 5
35) Methylcyclohexane	9.280	83	5593	3.559	ug/L	# 15
37) 1,2-Dichloropropane	9.274	63	2677	3.536	ug/L	# 88
39) cis-1,3-Dichloropropene	10.030	75	848	0.711	ug/L	# 82
40) 4-Methyl-2-pentanone	10.213	43	2163	5.244	ug/L	# 92
71) Naphthalene	15.365	128	1551	0.692	ug/L	98

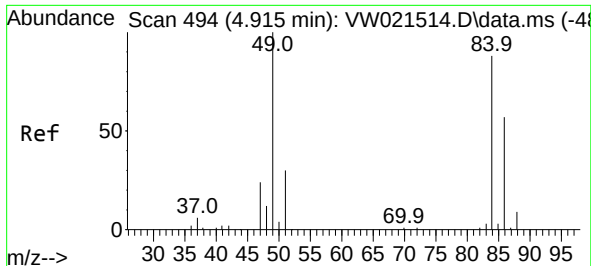
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 22 01:15:19 2021
Response via : Initial Calibration

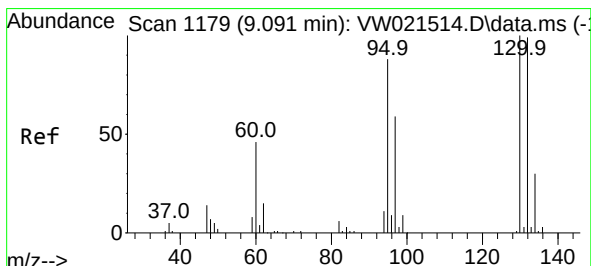
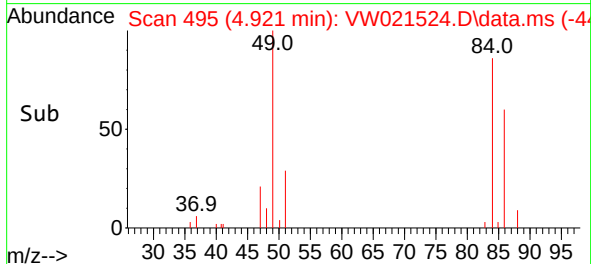
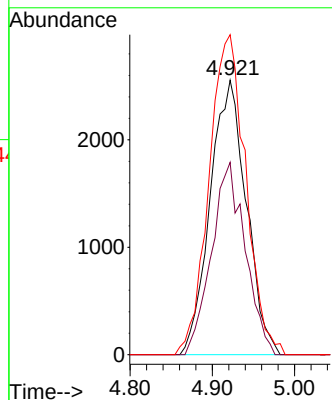
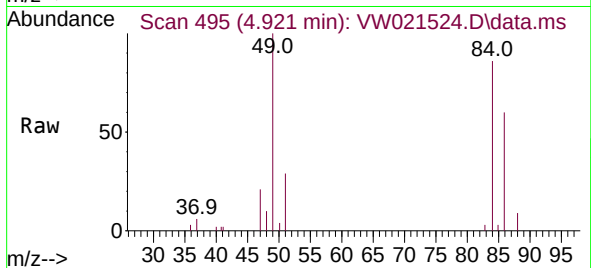




#16
Methylene chloride
Concen: 8.276 ug/L
RT: 4.921 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW021524.D
Acq: 21 Dec 2021 14:16

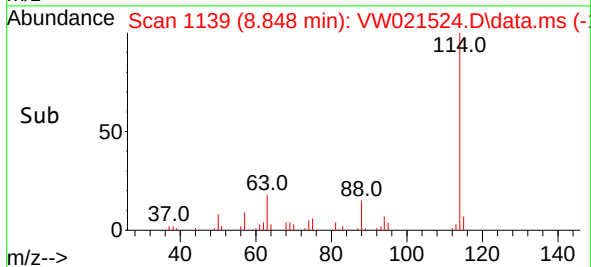
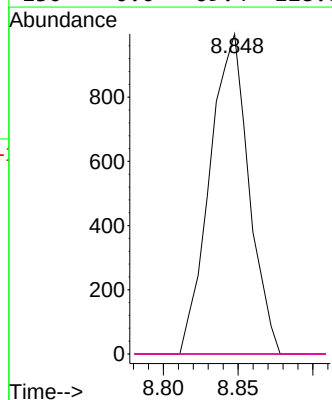
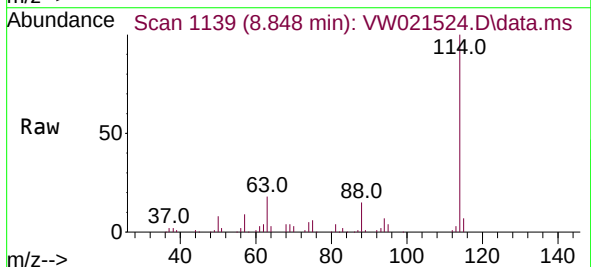
Instrument :
MSVOA_W
ClientSampleId :

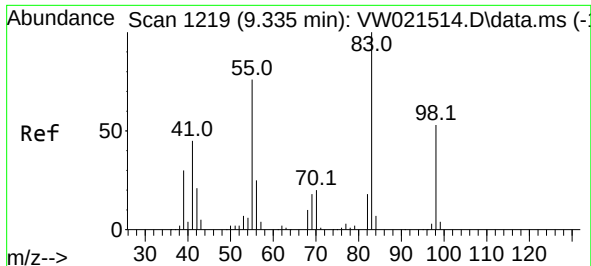
Tgt Ion: 84 Resp: 7816
Ion Ratio Lower Upper
84 100
86 70.1 45.5 84.5
49 116.6 100.5 186.7



#34
Trichloroethene
Concen: 1.904 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW021524.D
Acq: 21 Dec 2021 14:16

Tgt Ion: 95 Resp: 1814
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#

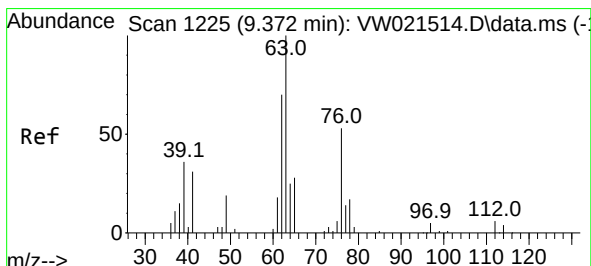
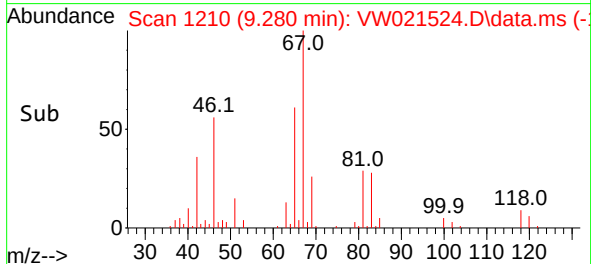
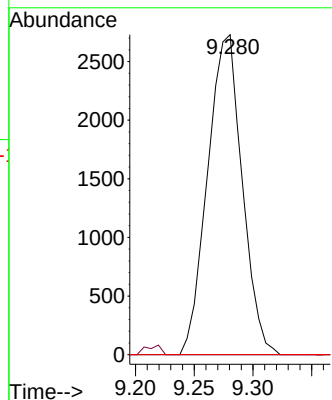
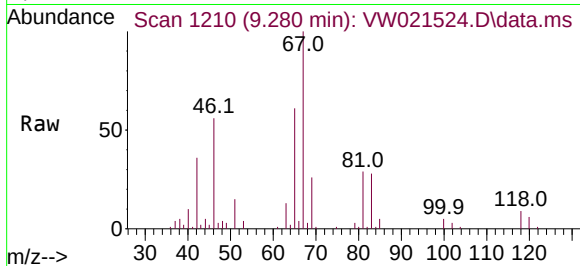




#35
Methylcyclohexane
Concen: 3.559 ug/L
RT: 9.280 min Scan# 11
Delta R.T. -0.055 min
Lab File: VW021524.D
Acq: 21 Dec 2021 14:16

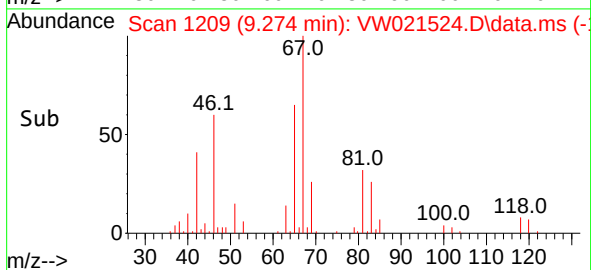
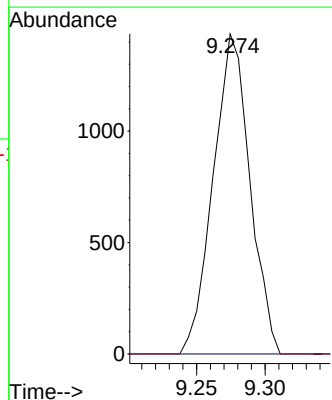
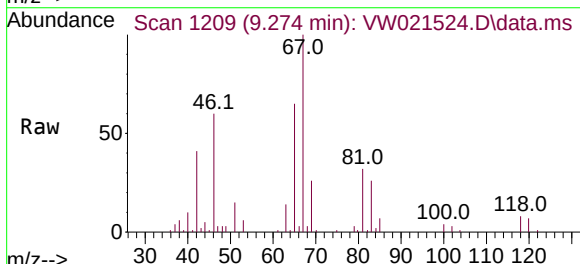
Instrument :
MSVOA_W
ClientSampleId :

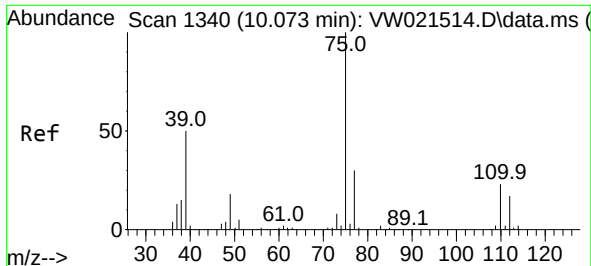
Tgt Ion: 83 Resp: 5593
Ion Ratio Lower Upper
83 100
55 1.3 70.8 106.2#
98 0.0 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.536 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW021524.D
Acq: 21 Dec 2021 14:16

Tgt Ion: 63 Resp: 2677
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.711 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW021524.D

Acq: 21 Dec 2021 14:16

Instrument :

MSVOA_W

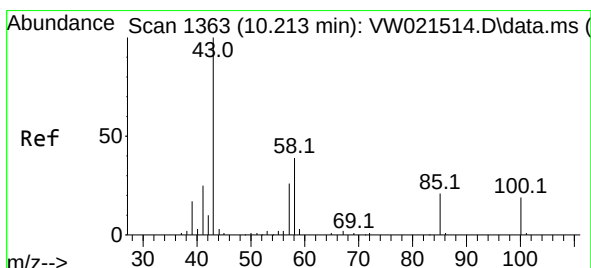
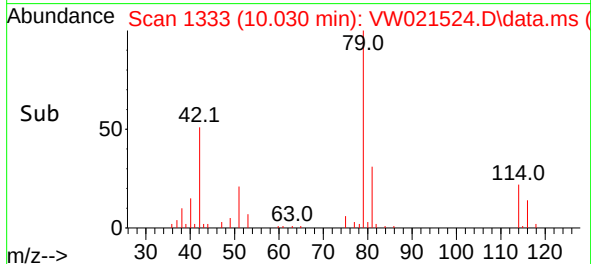
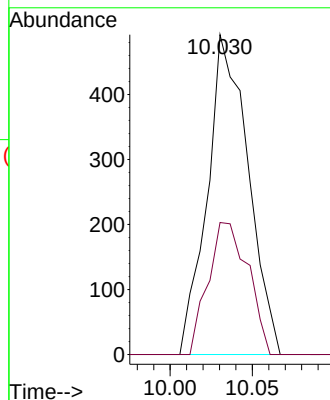
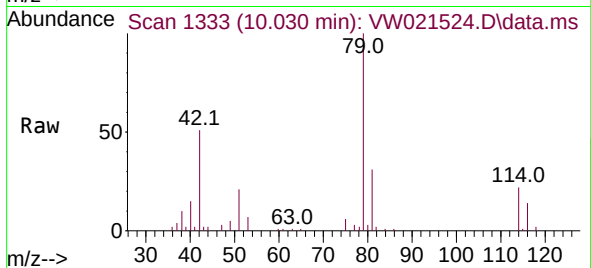
ClientSampleId :

Tgt Ion: 75 Resp: 848

Ion Ratio Lower Upper

75 100

77 41.3 21.8 40.6#



#40

4-Methyl-2-pentanone

Concen: 5.244 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VW021524.D

Acq: 21 Dec 2021 14:16

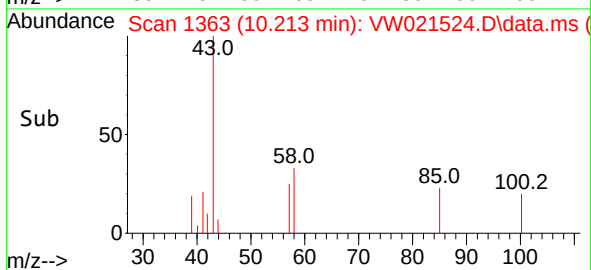
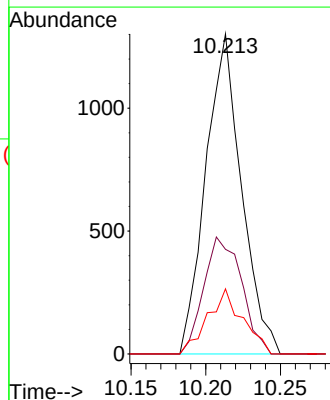
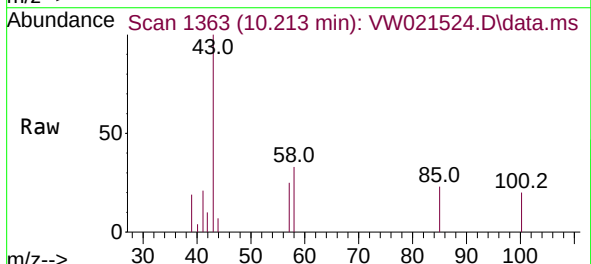
Tgt Ion: 43 Resp: 2163

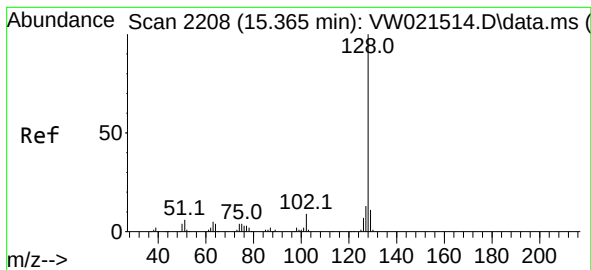
Ion Ratio Lower Upper

43 100

58 38.7 28.8 43.2

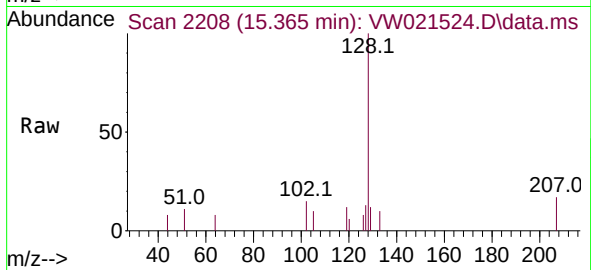
100 19.9 10.0 15.0#





#71
Naphthalene
Concen: 0.692 ug/L
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW021524.D
Acq: 21 Dec 2021 14:16

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	1551
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.7	16.1
129	10.1	8.6	12.8

