

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021583.D
 Acq On : 23 Dec 2021 00:06
 Operator : SY/VA
 Sample : M5194-20RE
 Misc : 7.07g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 03:40:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 23 02:55:43 2021
 Response via : Initial Calibration

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

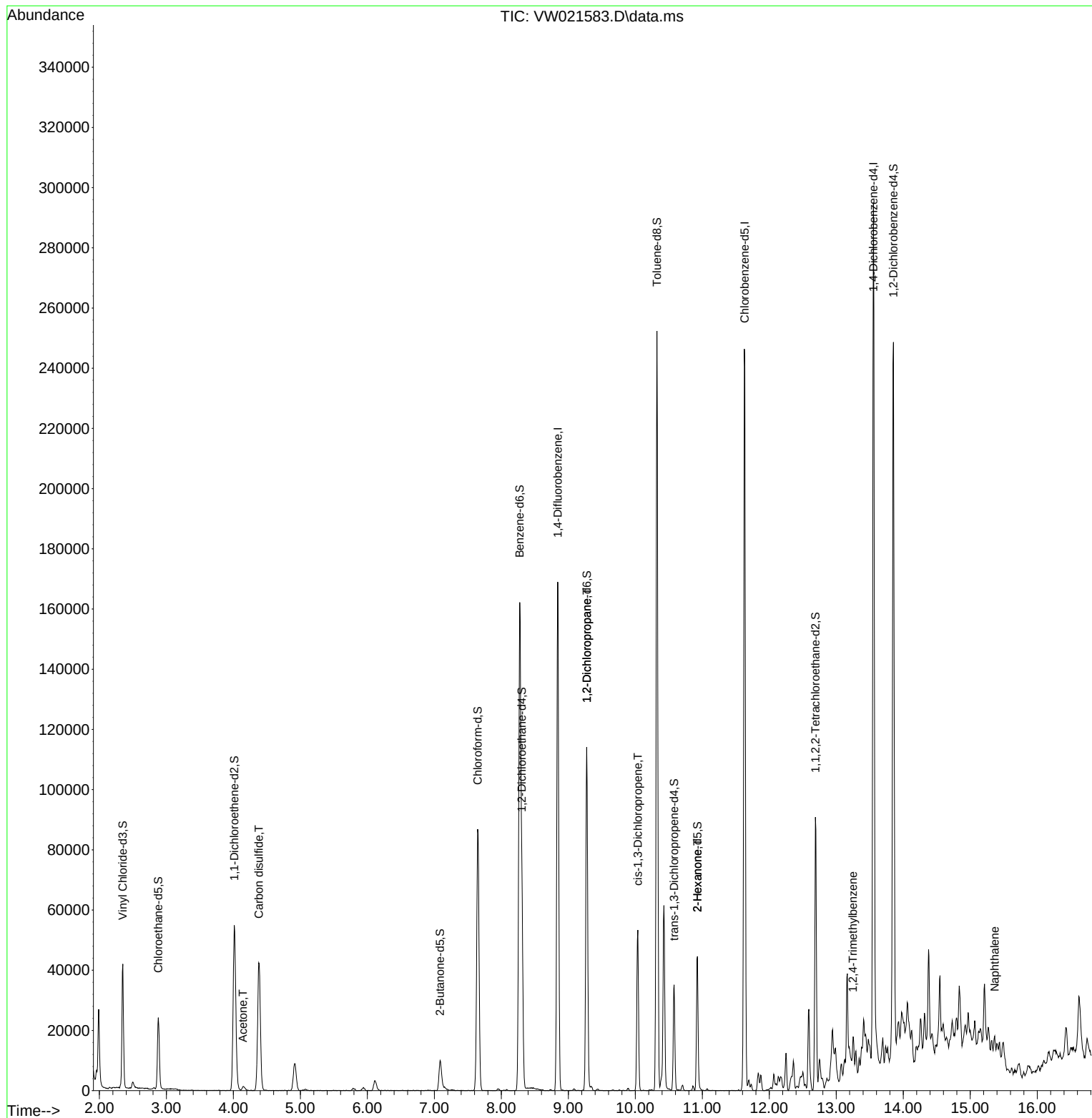
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	143623	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	139273	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	74882	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39854	15.236	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.960%
7) Chloroethane-d5	2.879	69	27188	15.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.880%
11) 1,1-Dichloroethene-d2	4.013	63	51271	14.702	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.800%
21) 2-Butanone-d5	7.086	46	17940	48.655	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.320%
24) Chloroform-d	7.647	84	87952	21.975	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.880%
26) 1,2-Dichloroethane-d4	8.305	65	48619	22.836	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.360%
32) Benzene-d6	8.275	84	163022	21.355	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	9.275	67	47580	23.240	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.960%
41) Toluene-d8	10.323	98	163799	21.000	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	10.579	79	18635	19.768	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.080%
47) 2-Hexanone-d5	10.927	63	15191	50.177	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.360%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	39390	22.381	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	61476	21.183	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.720%
Target Compounds						
					Qvalue	
13) Acetone	4.141	43	2917	8.825	ug/L	90
14) Carbon disulfide	4.379	76	91307	19.860	ug/L	99
37) 1,2-Dichloropropane	9.275	63	6182	3.653	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1558	0.584	ug/L	# 52
48) 2-Hexanone	10.927	43	2109	3.154	ug/L	# 66
63) 1,2,4-Trimethylbenzene	13.249	105	5144	0.602	ug/L	98
71) Naphthalene	15.365	128	8560	1.826	ug/L	99

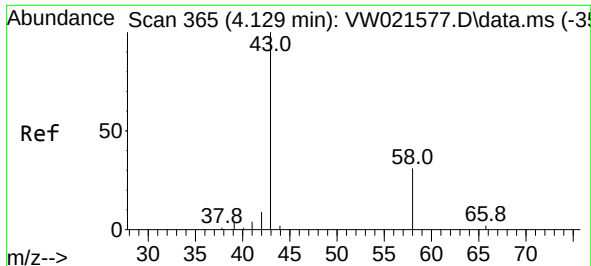
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 23 03:40:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 23 02:55:43 2021
Response via : Initial Calibration

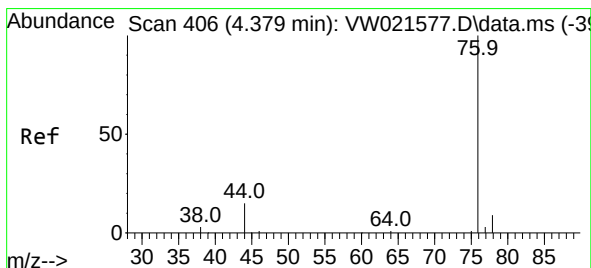
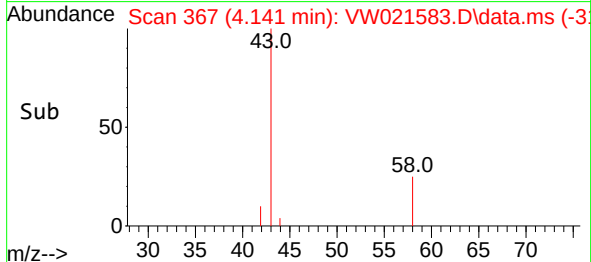
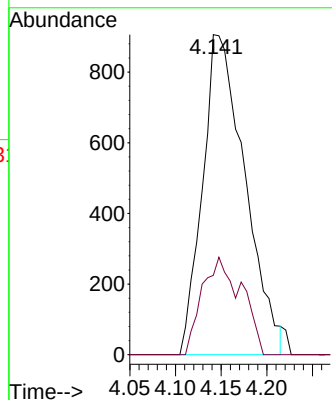
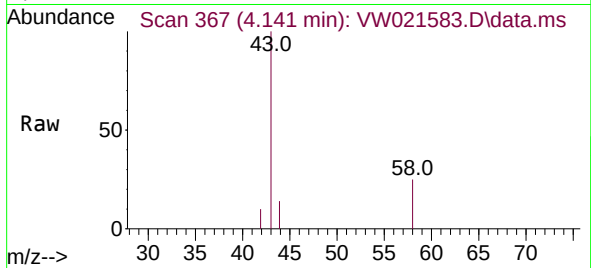




#13
Acetone
Concen: 8.825 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW021583.D
Acq: 23 Dec 2021 00:06

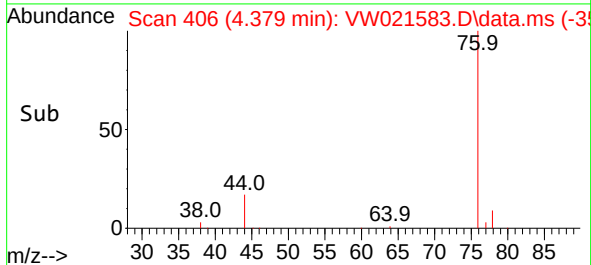
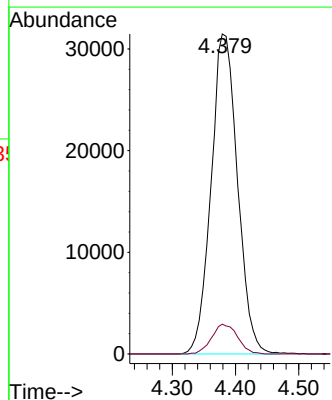
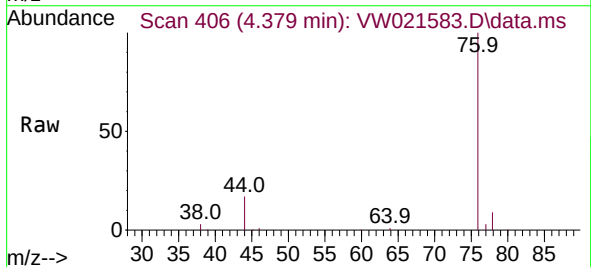
Instrument :
MSVOA_W
ClientSampleId :

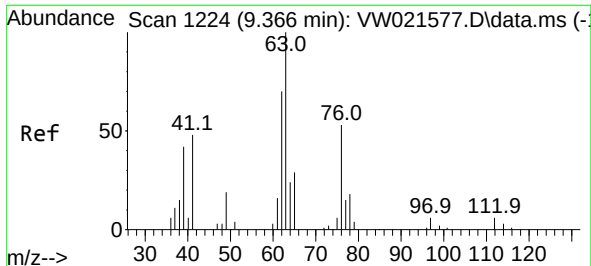
Tgt Ion: 43 Resp: 2917
Ion Ratio Lower Upper
43 100
58 21.4 0.0 52.8



#14
Carbon disulfide
Concen: 19.860 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW021583.D
Acq: 23 Dec 2021 00:06

Tgt Ion: 76 Resp: 91307
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7





#37

1,2-Dichloropropane

Concen: 3.653 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021583.D

Acq: 23 Dec 2021 00:06

Instrument :

MSVOA_W

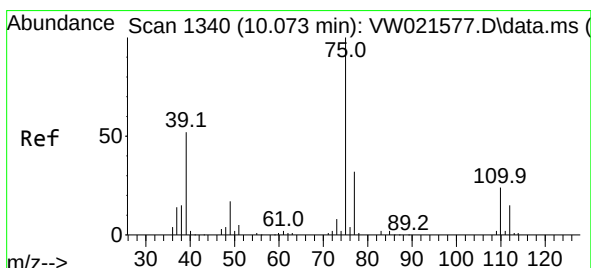
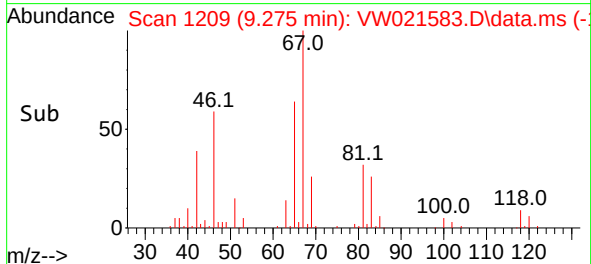
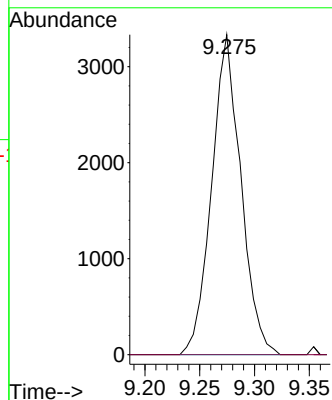
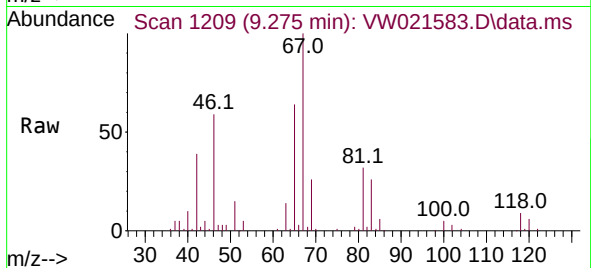
ClientSampleId :

Tgt Ion: 63 Resp: 6182

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.584 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021583.D

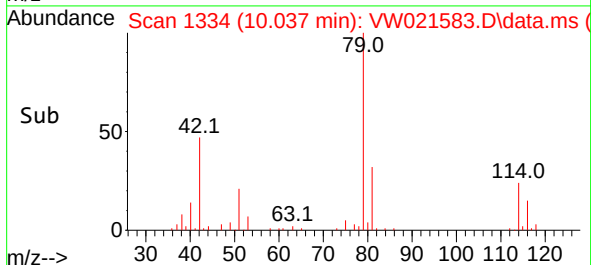
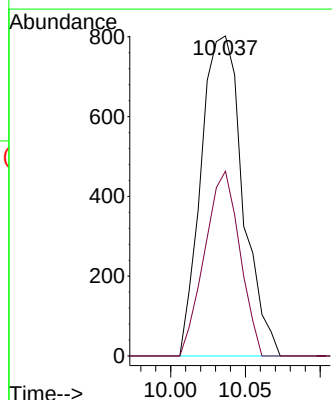
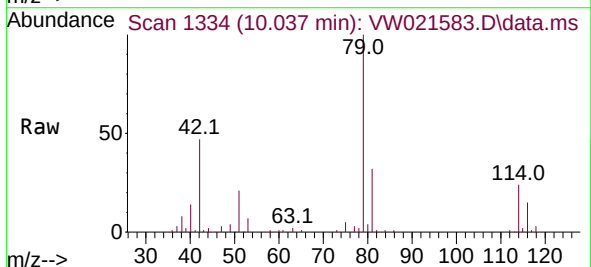
Acq: 23 Dec 2021 00:06

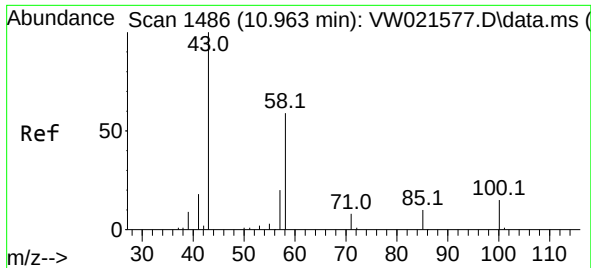
Tgt Ion: 75 Resp: 1558

Ion Ratio Lower Upper

75 100

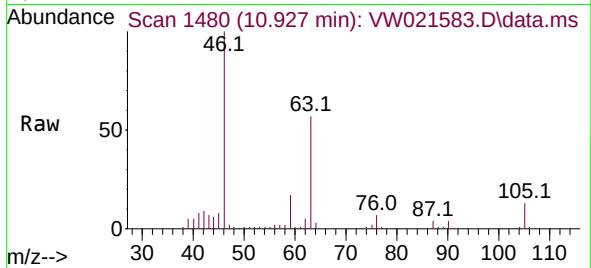
77 57.7 21.8 40.6#



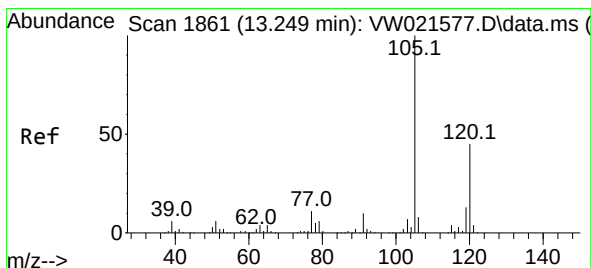
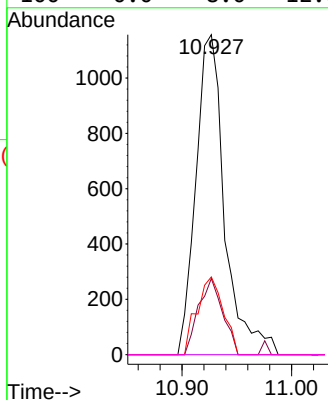
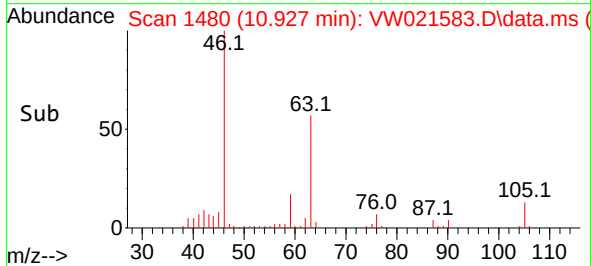


#48
2-Hexanone
Concen: 3.154 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.036 min
Lab File: VW021583.D
Acq: 23 Dec 2021 00:06

Instrument :
MSVOA_W
ClientSampleId :

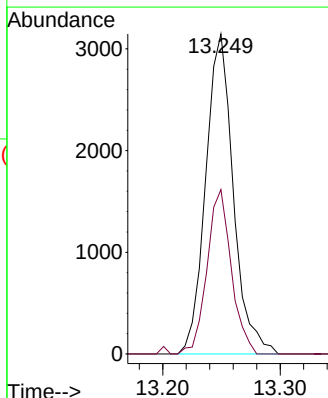
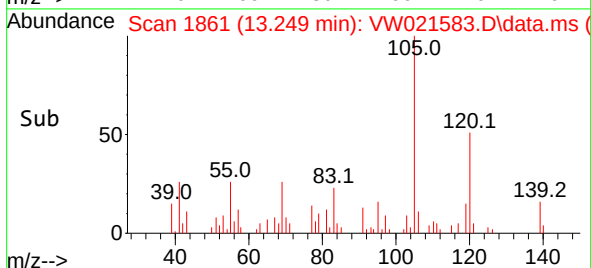
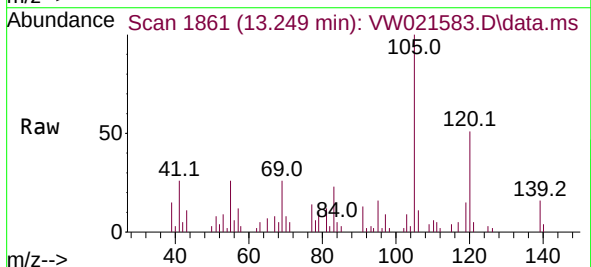


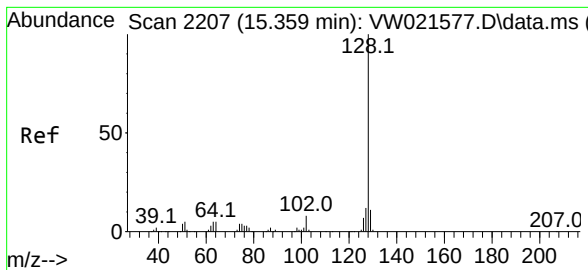
Tgt Ion: 43 Resp: 2109
Ion Ratio Lower Upper
43 100
58 20.0 40.2 60.2#
57 22.3 14.3 21.5#
100 0.0 8.0 12.0#



#63
1,2,4-Trimethylbenzene
Concen: 0.602 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021583.D
Acq: 23 Dec 2021 00:06

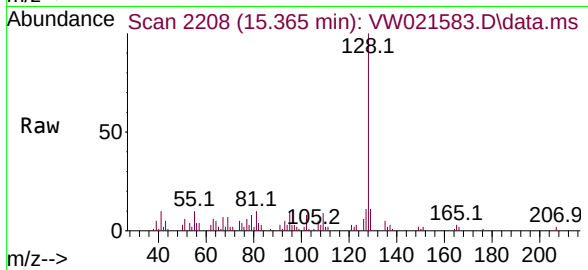
Tgt Ion: 105 Resp: 5144
Ion Ratio Lower Upper
105 100
120 45.0 35.0 52.6





#71
Naphthalene
Concen: 1.826 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW021583.D
Acq: 23 Dec 2021 00:06

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 8560
Ion Ratio Lower Upper
128 100
127 14.0 10.7 16.1
129 10.5 8.6 12.8

