

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021519.D
 Acq On : 21 Dec 2021 12:16
 Operator : SY/VA
 Sample : M5125-14
 Misc : 10.07g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 22 01:19:32 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)

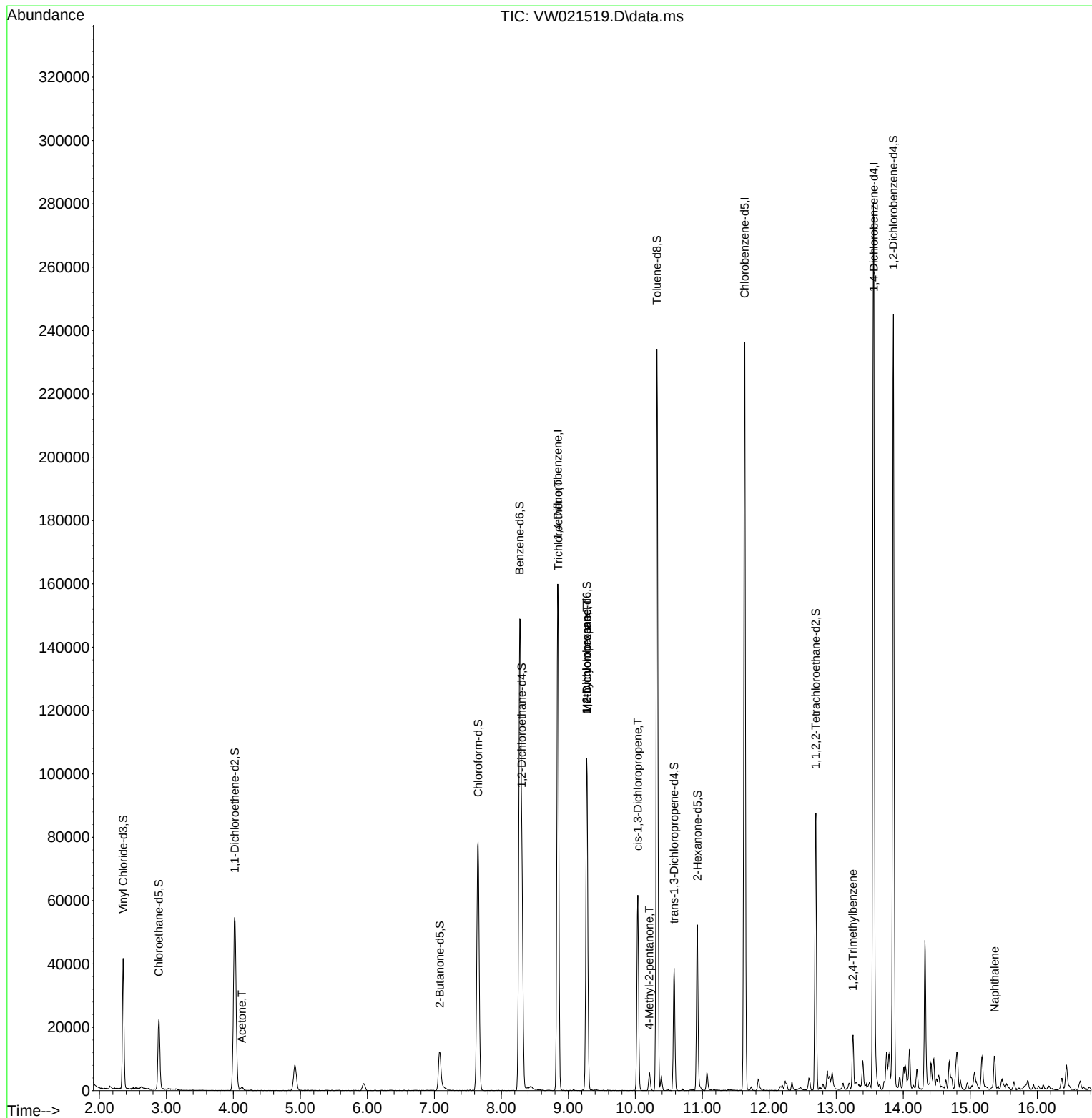
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	136342	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	136716	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	79606	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	38625	15.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.200%
7) Chloroethane-d5	2.885	69	25629	15.613	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.440%
11) 1,1-Dichloroethene-d2	4.019	63	52840	15.961	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.840%
21) 2-Butanone-d5	7.080	46	21259	60.736	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.480%
24) Chloroform-d	7.653	84	80865	21.283	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.120%
26) 1,2-Dichloroethane-d4	8.305	65	48903	24.196	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	8.275	84	155680	20.774	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.080%
36) 1,2-Dichloropropane-d6	9.275	67	44813	22.298	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.200%
41) Toluene-d8	10.323	98	156694	20.465	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.840%
43) trans-1,3-Dichloroprop...	10.579	79	20490	22.142	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.560%
47) 2-Hexanone-d5	10.927	63	17536	59.006	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.020%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	39317	22.757	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	65206	21.135	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.560%
Target Compounds					Qvalue	
13) Acetone	4.129	43	2057	6.555	ug/L	76
34) Trichloroethene	8.848	95	4154	1.987	ug/L	# 5
35) Methylcyclohexane	9.275	83	11933	3.460	ug/L	# 14
37) 1,2-Dichloropropane	9.275	63	5757	3.465	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1862	0.711	ug/L	# 75
40) 4-Methyl-2-pentanone	10.207	43	3650	4.032	ug/L	# 95
63) 1,2,4-Trimethylbenzene	13.249	105	10297	1.134	ug/L	97
71) Naphthalene	15.365	128	9353	1.877	ug/L	99

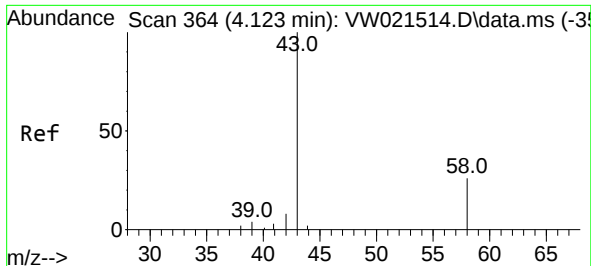
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 22 01:19:32 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

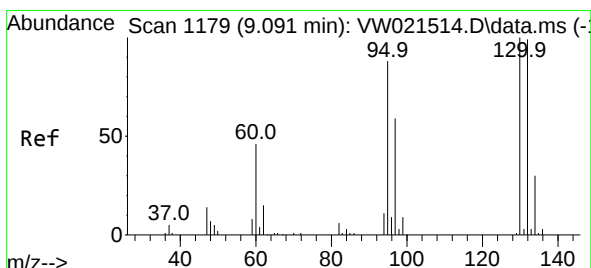
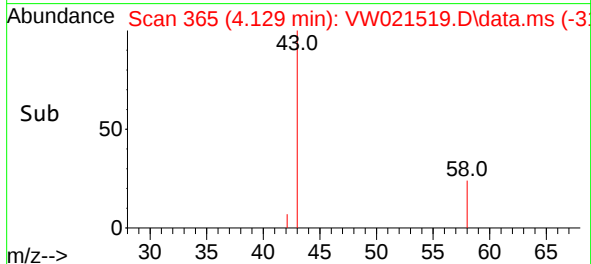
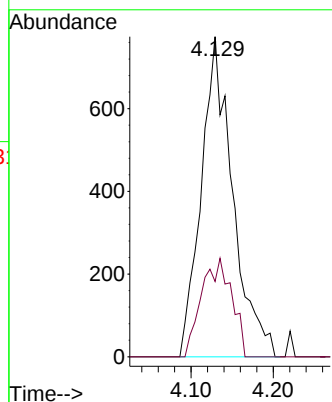
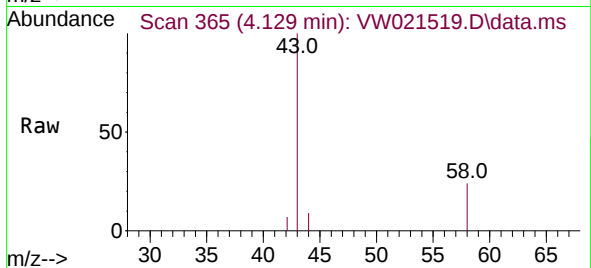




#13
Acetone
Concen: 6.555 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW021519.D
Acq: 21 Dec 2021 12:16

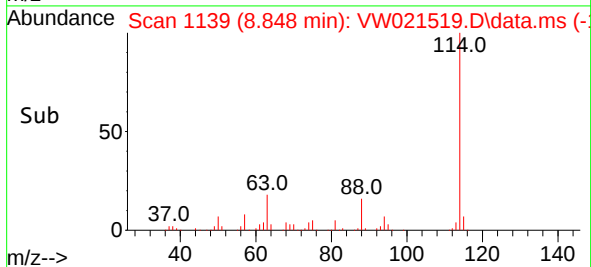
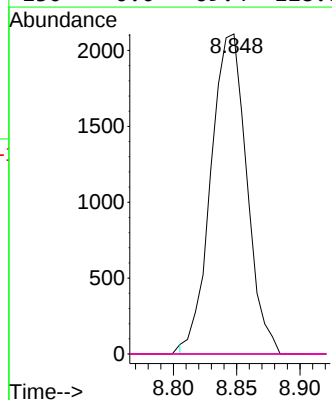
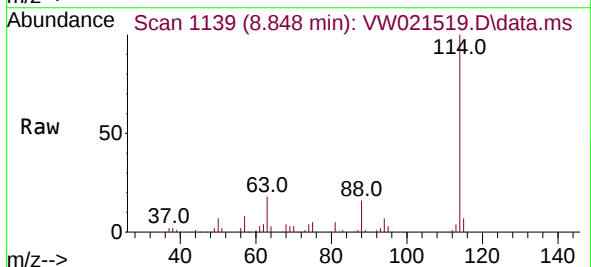
Instrument :
MSVOA_W
ClientSampleId :

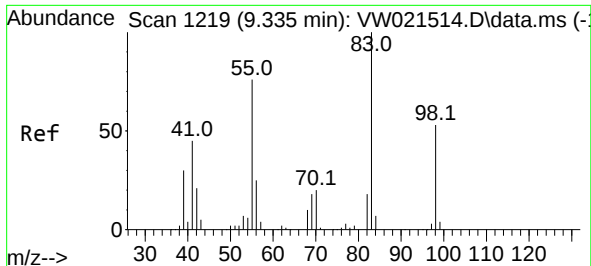
Tgt Ion: 43 Resp: 2057
Ion Ratio Lower Upper
43 100
58 14.2 0.0 52.8



#34
Trichloroethene
Concen: 1.987 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW021519.D
Acq: 21 Dec 2021 12:16

Tgt Ion: 95 Resp: 4154
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: 3.460 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW021519.D

Acq: 21 Dec 2021 12:16

Instrument :

MSVOA_W

ClientSampleId :

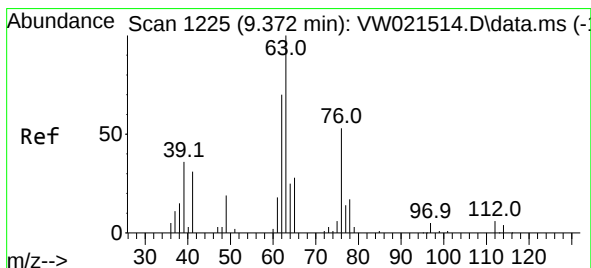
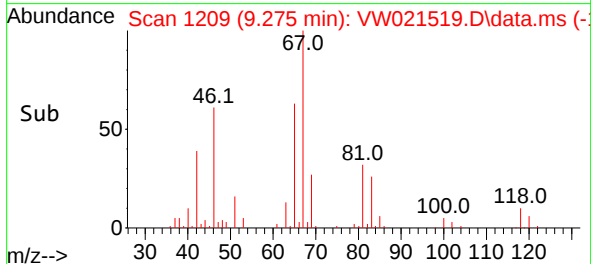
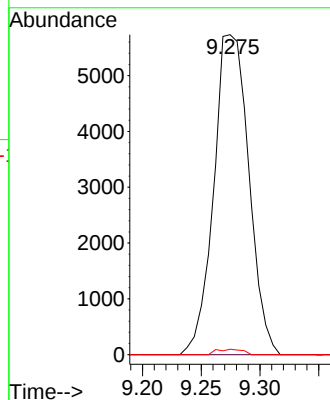
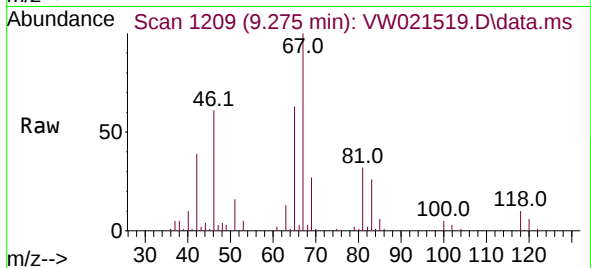
Tgt Ion: 83 Resp: 11933

Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 0.8 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 3.465 ug/L

RT: 9.275 min Scan# 1209

Delta R.T. -0.097 min

Lab File: VW021519.D

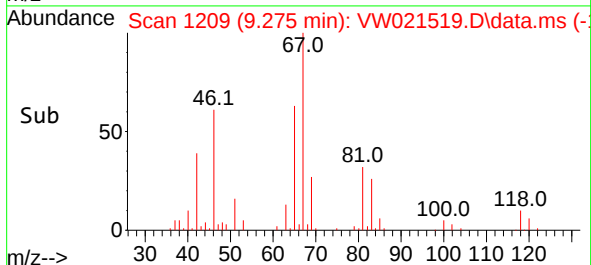
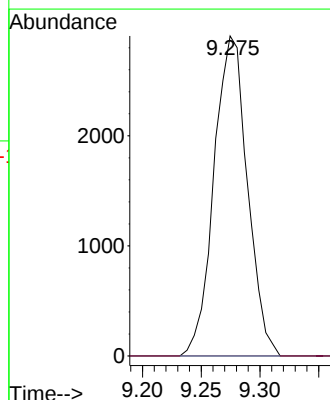
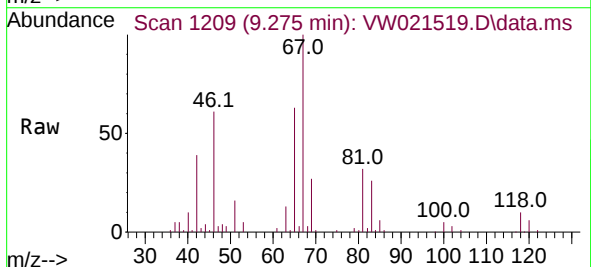
Acq: 21 Dec 2021 12:16

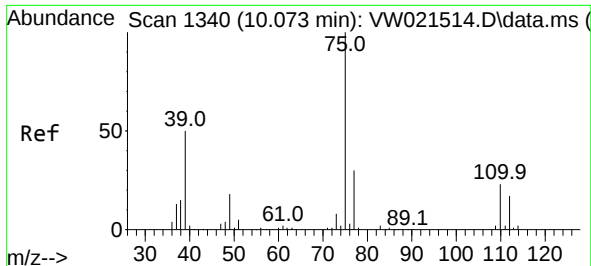
Tgt Ion: 63 Resp: 5757

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.711 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW021519.D

Acq: 21 Dec 2021 12:16

Instrument :

MSVOA_W

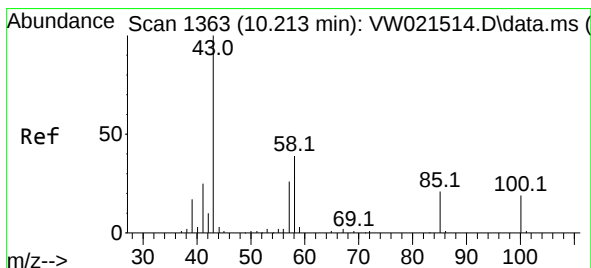
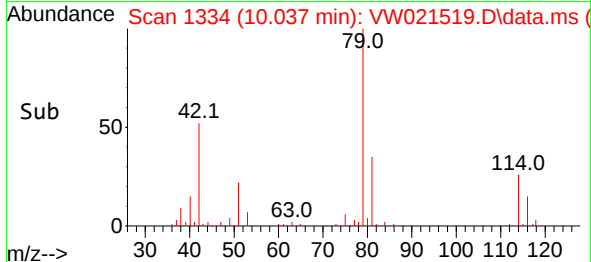
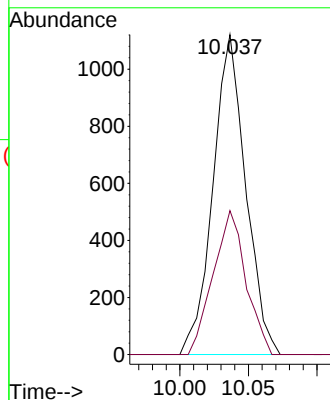
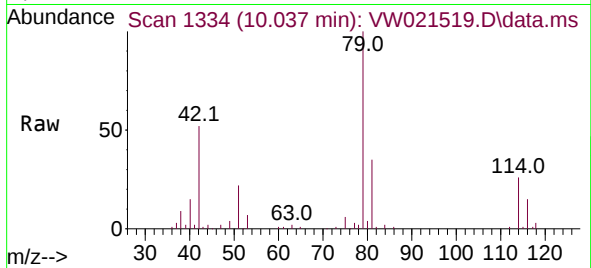
ClientSampleId :

Tgt Ion: 75 Resp: 1862

Ion Ratio Lower Upper

75 100

77 45.0 21.8 40.6#



#40

4-Methyl-2-pentanone

Concen: 4.032 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW021519.D

Acq: 21 Dec 2021 12:16

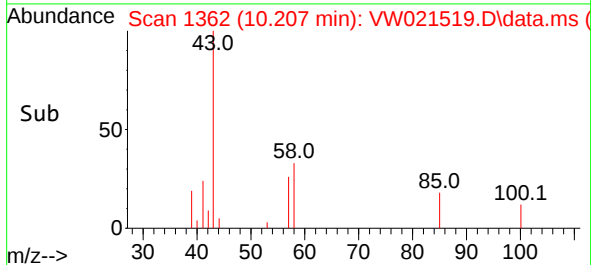
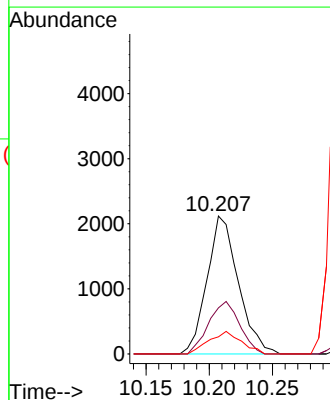
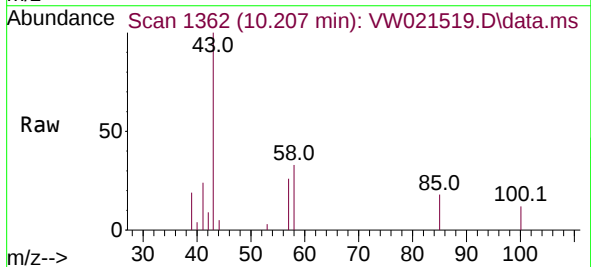
Tgt Ion: 43 Resp: 3650

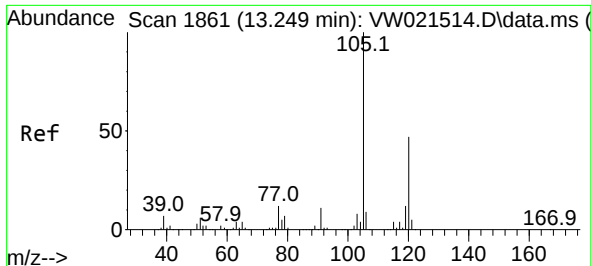
Ion Ratio Lower Upper

43 100

58 37.7 28.8 43.2

100 17.0 10.0 15.0#

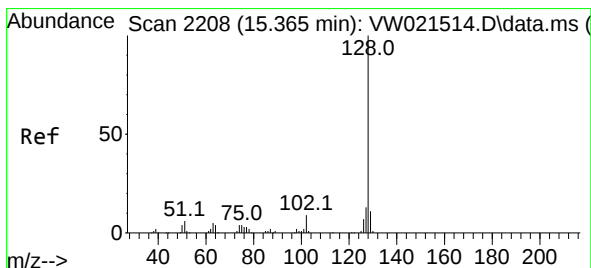
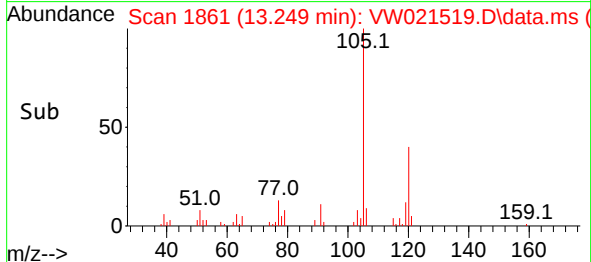
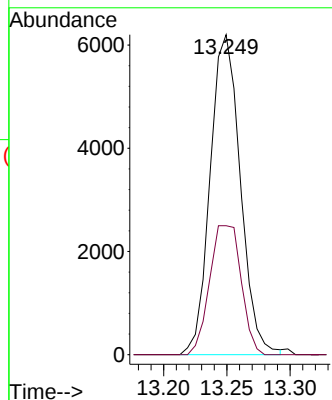
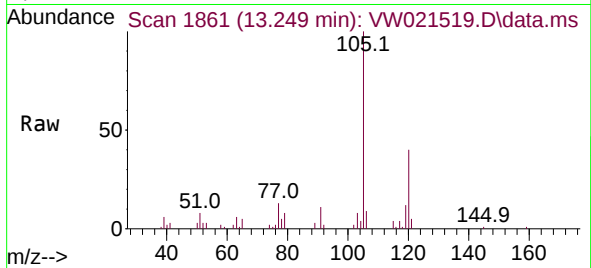




#63
1,2,4-Trimethylbenzene
Concen: 1.134 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021519.D
Acq: 21 Dec 2021 12:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 10297
Ion Ratio Lower Upper
105 100
120 42.1 35.0 52.6



#71
Naphthalene
Concen: 1.877 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW021519.D
Acq: 21 Dec 2021 12:16

Tgt Ion:128 Resp: 9353
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 11.4 8.6 12.8

