

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021538.D
 Acq On : 21 Dec 2021 21:29
 Operator : SY/VA
 Sample : M5194-04
 Misc : 5.93g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 22 03:51:28 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)

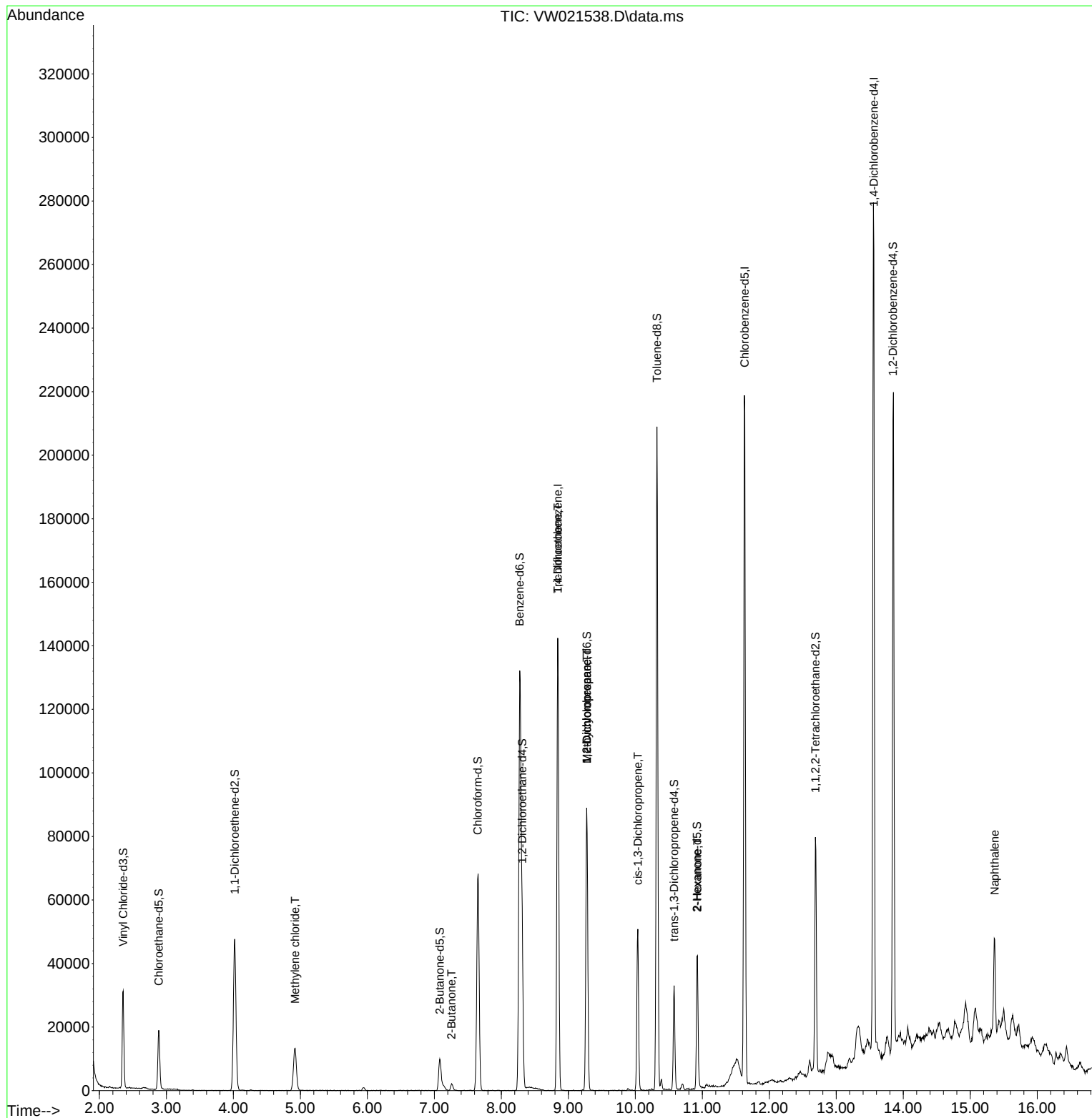
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	121247	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	125071	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	73137	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	30710	13.907	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.640%
7) Chloroethane-d5	2.885	69	21130	14.475	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.880%
11) 1,1-Dichloroethene-d2	4.019	63	44813	15.222	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.880%
21) 2-Butanone-d5	7.080	46	17134	55.045	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.100%
24) Chloroform-d	7.647	84	69624	20.606	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.440%
26) 1,2-Dichloroethane-d4	8.311	65	41106	22.871	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.480%
32) Benzene-d6	8.275	84	135342	19.742	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.960%
36) 1,2-Dichloropropane-d6	9.274	67	39007	21.216	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.880%
41) Toluene-d8	10.323	98	134969	19.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.080%
43) trans-1,3-Dichloroprop...	10.579	79	17205	20.323	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.280%
47) 2-Hexanone-d5	10.920	63	14829	54.543	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.080%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	34313	21.710	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.840%
66) 1,2-Dichlorobenzene-d4	13.847	152	54433	19.204	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.800%
Target Compounds						Qvalue
16) Methylene chloride	4.922	84	10922	5.452	ug/L	79
22) 2-Butanone	7.257	43	3288	9.023	ug/L	# 52
34) Trichloroethene	8.842	95	3860	2.018	ug/L	# 5
35) Methylcyclohexane	9.274	83	10464	3.317	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	4663	3.068	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1436	0.599	ug/L	# 78
48) 2-Hexanone	10.927	43	1782	2.967	ug/L	# 60
71) Naphthalene	15.365	128	27995	6.115	ug/L	99

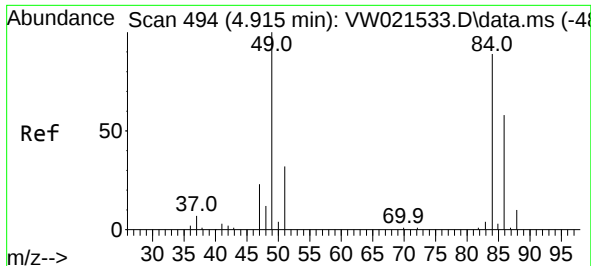
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

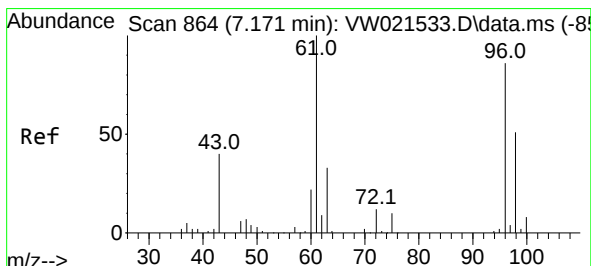
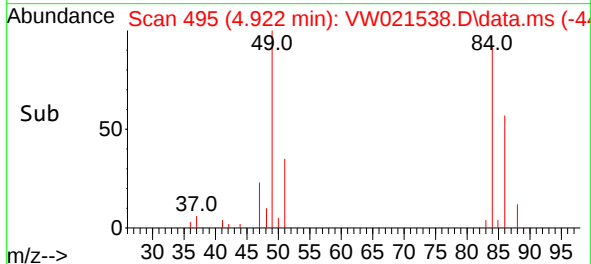
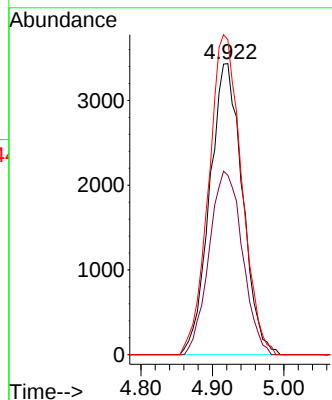
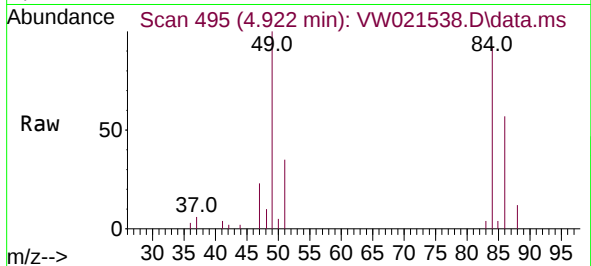




#16
Methylene chloride
Concen: 5.452 ug/L
RT: 4.922 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW021538.D
Acq: 21 Dec 2021 21:29

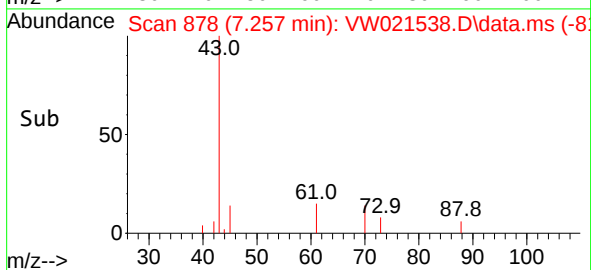
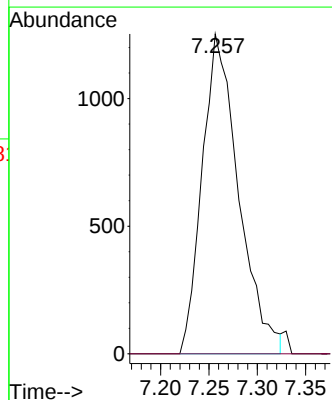
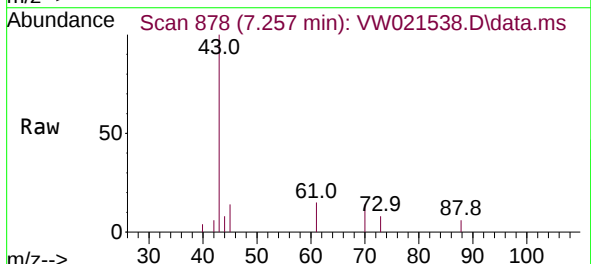
Instrument :
MSVOA_W
ClientSampleId :

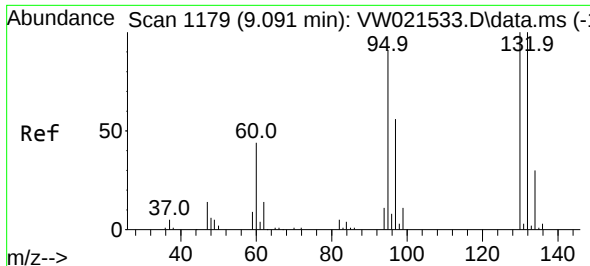
Tgt Ion: 84 Resp: 10922
Ion Ratio Lower Upper
84 100
86 61.6 45.5 84.5
49 108.2 100.5 186.7



#22
2-Butanone
Concen: 9.023 ug/L
RT: 7.257 min Scan# 878
Delta R.T. 0.085 min
Lab File: VW021538.D
Acq: 21 Dec 2021 21:29

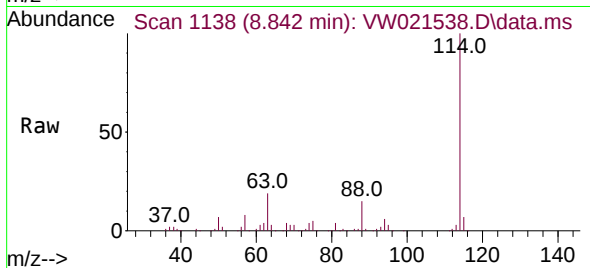
Tgt Ion: 43 Resp: 3288
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#



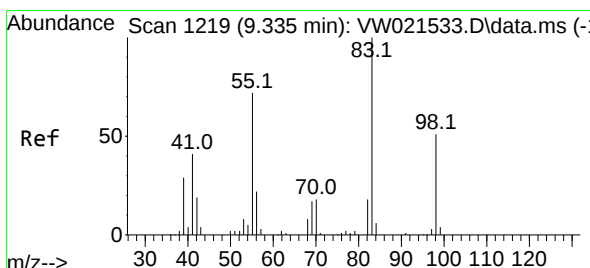
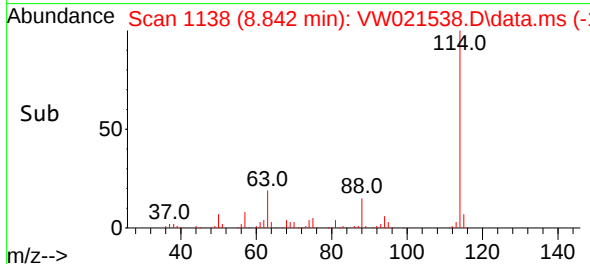
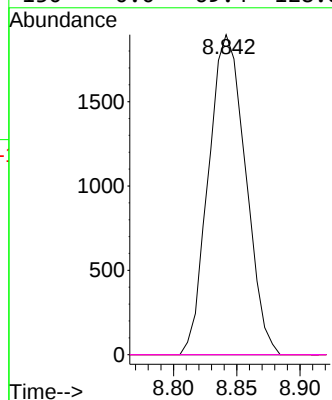


#34
Trichloroethene
Concen: 2.018 ug/L
RT: 8.842 min Scan# 1179
Delta R.T. -0.250 min
Lab File: VW021538.D
Acq: 21 Dec 2021 21:29

Instrument :
MSVOA_W
ClientSampleId :

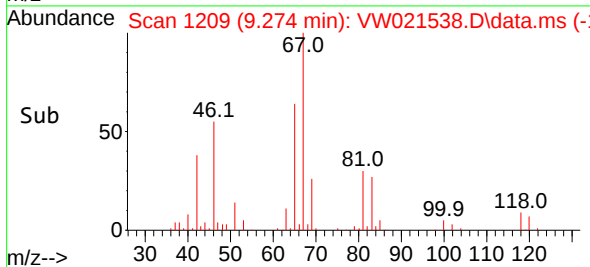
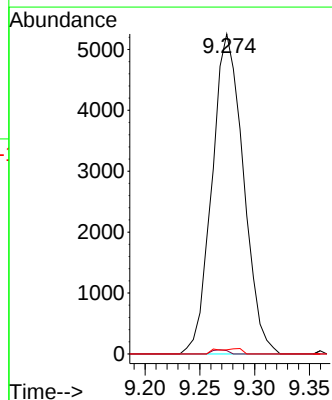
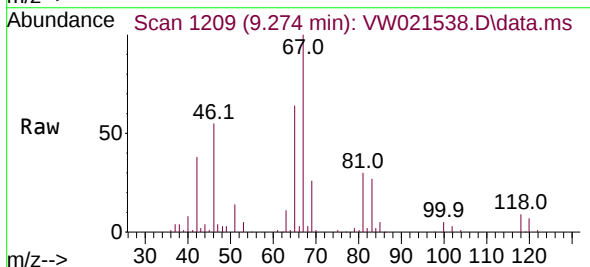


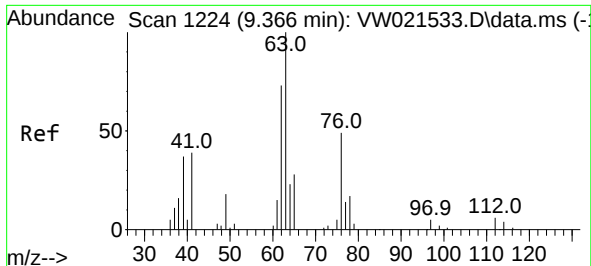
Tgt Ion: 95 Resp: 3860
Ion Ratio Lower Upper
95 100
97 0.0 47.0 87.2#
132 0.0 65.5 121.6#
130 0.0 69.4 128.8#



#35
Methylcyclohexane
Concen: 3.317 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021538.D
Acq: 21 Dec 2021 21:29

Tgt Ion: 83 Resp: 10464
Ion Ratio Lower Upper
83 100
55 0.6 70.8 106.2#
98 0.5 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.068 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021538.D

Acq: 21 Dec 2021 21:29

Instrument :

MSVOA_W

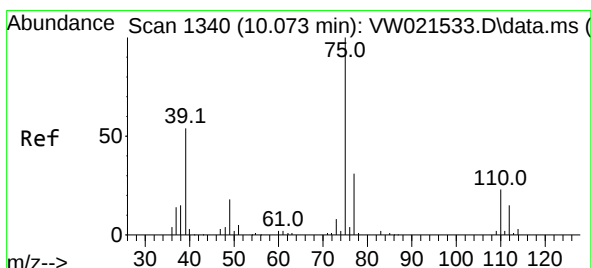
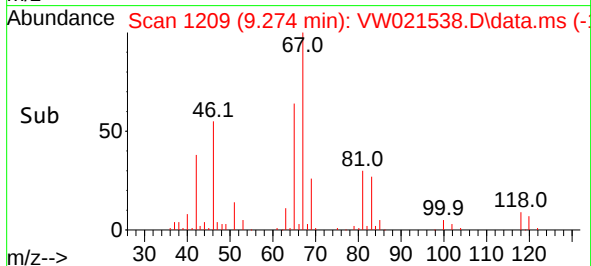
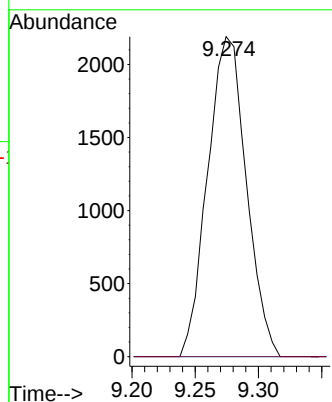
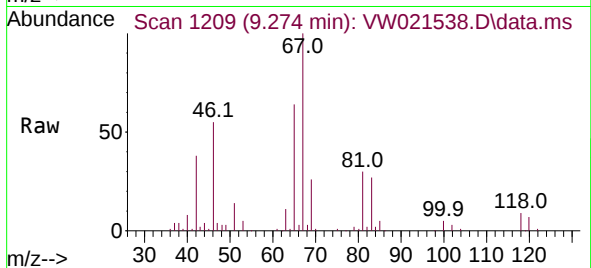
ClientSampleId :

Tgt Ion: 63 Resp: 4663

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.599 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021538.D

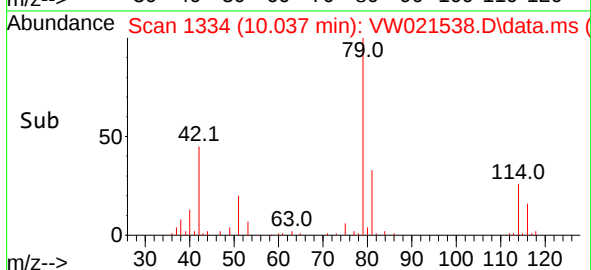
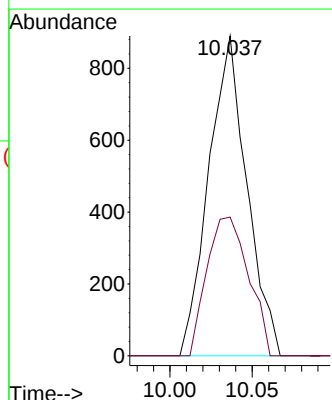
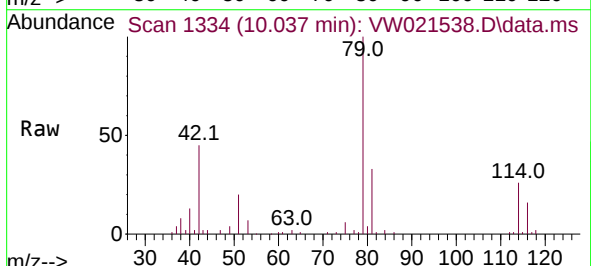
Acq: 21 Dec 2021 21:29

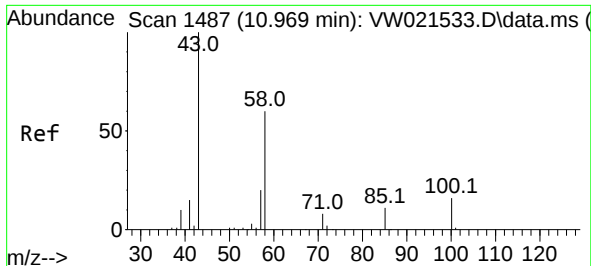
Tgt Ion: 75 Resp: 1436

Ion Ratio Lower Upper

75 100

77 43.4 21.8 40.6#

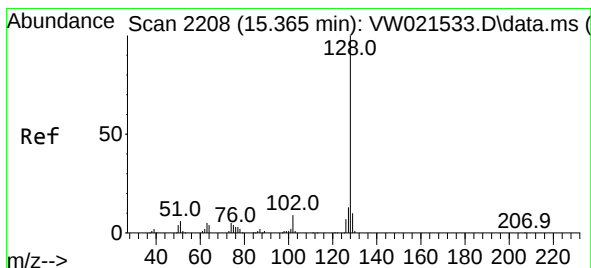
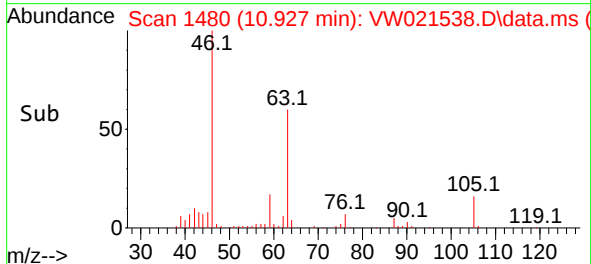
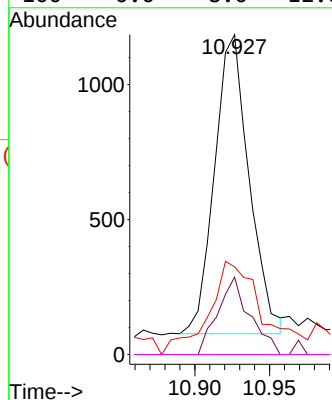
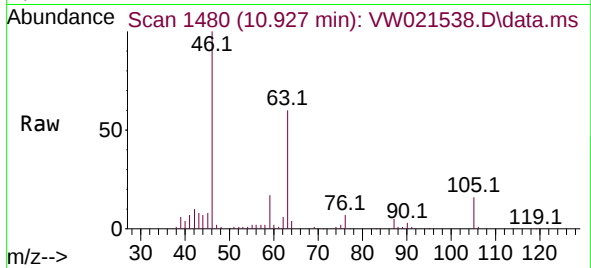




#48
2-Hexanone
Concen: 2.967 ug/L
RT: 10.927 min Scan# 1487
Delta R.T. -0.043 min
Lab File: VW021538.D
Acq: 21 Dec 2021 21:29

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 1782
Ion Ratio Lower Upper
43 100
58 24.2 40.2 60.2#
57 42.2 14.3 21.5#
100 0.0 8.0 12.0#



#71
Naphthalene
Concen: 6.115 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW021538.D
Acq: 21 Dec 2021 21:29

Tgt Ion:128 Resp: 27995
Ion Ratio Lower Upper
128 100
127 13.9 10.7 16.1
129 10.8 8.6 12.8

