

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
 Data File : VW026771.D
 Acq On : 18 Aug 2023 15:45
 Operator : SY/MD
 Sample : 04037-09
 Misc : 4.99g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 18 23:45:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 18 23:42:21 2023
 Response via : Initial Calibration

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

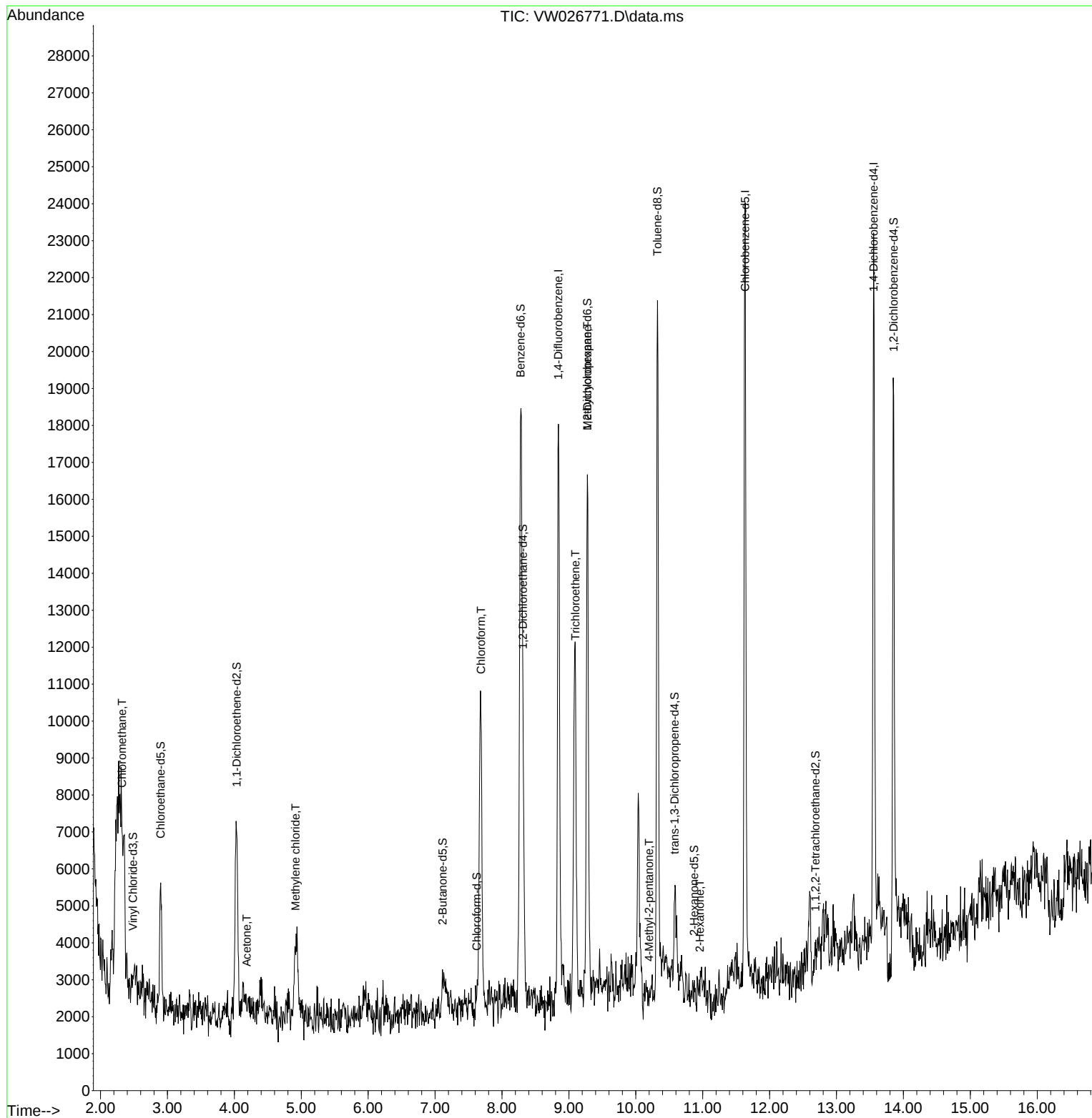
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	11669	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.635	117	10962	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	5011	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.485	65	76	0.396	ug/L	0.12
Spiked Amount	25.000	Range	30 - 150	Recovery	=	1.600%#
7) Chloroethane-d5	2.899	69	3647	25.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.280%
11) 1,1-Dichloroethene-d2	4.033	65	1833	19.429	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.720%
21) 2-Butanone-d5	7.112	46	427	7.745	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	15.480%#
24) Chloroform-d	7.624	84	195	0.498	ug/L	-0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	2.000%#
26) 1,2-Dichloroethane-d4	8.313	65	5437	25.156	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.640%
32) Benzene-d6	8.276	84	16868	22.327	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.320%
36) 1,2-Dichloropropane-d6	9.276	67	6476	27.519	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.080%
41) Toluene-d8	10.325	98	12405	19.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.520%
43) trans-1,3-Dichloroprop...	10.581	79	1542	15.870	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.480%
47) 2-Hexanone-d5	10.873	63	100	4.044	ug/L	-0.05
Spiked Amount	50.000	Range	20 - 135	Recovery	=	8.080%#
56) 1,1,2,2-Tetrachloroeth...	12.684	84	21	0.113	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.440%#
66) 1,2-Dichlorobenzene-d4	13.854	152	3553	19.810	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.240%
Target Compounds						Qvalue
3) Chloromethane	2.320	50	228	1.051	ug/L	93
13) Acetone	4.185	43	257	4.688	ug/L	46
16) Methylene chloride	4.917	84	1124	4.979	ug/L	90
25) Chloroform	7.685	83	8541	22.318	ug/L	94
34) Trichloroethene	9.099	95	2144	10.545	ug/L	86
35) Methylcyclohexane	9.276	83	1629	4.684	ug/L	# 17
40) 4-Methyl-2-pentanone	10.197	43	171	1.202	ug/L	# 81
48) 2-Hexanone	10.959	43	144	1.488	ug/L	# 40

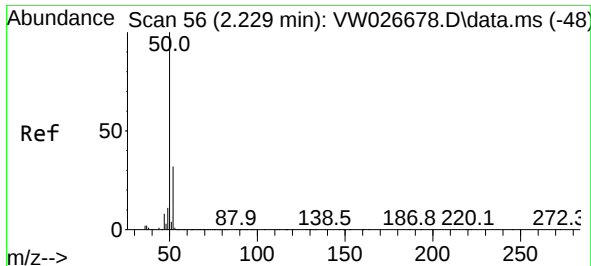
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Aug 18 23:42:21 2023
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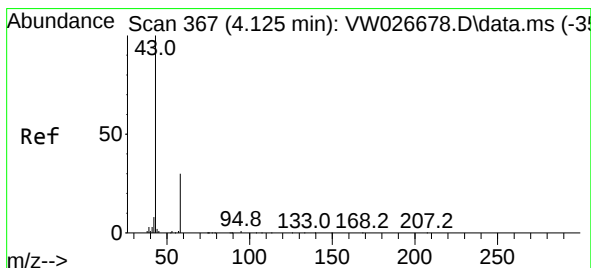
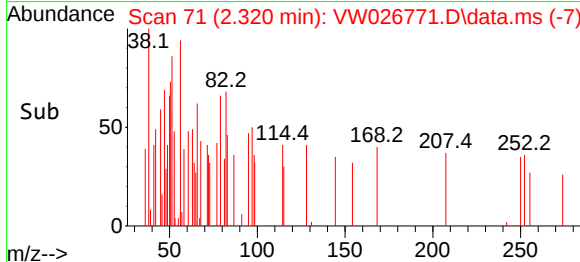
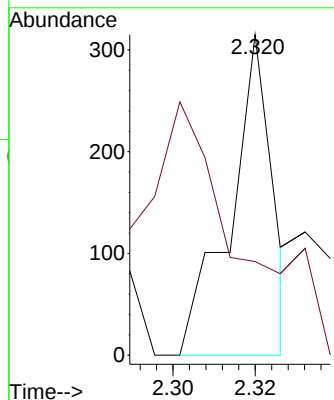
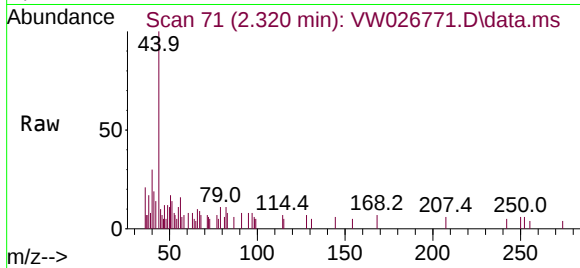




#3
Chloromethane
Concen: 1.051 ug/L
RT: 2.320 min Scan# 71
Delta R.T. 0.092 min
Lab File: VW026771.D
Acq: 18 Aug 2023 15:45

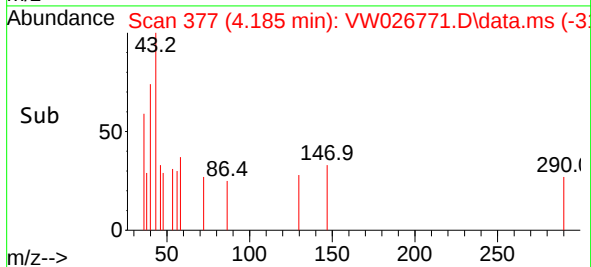
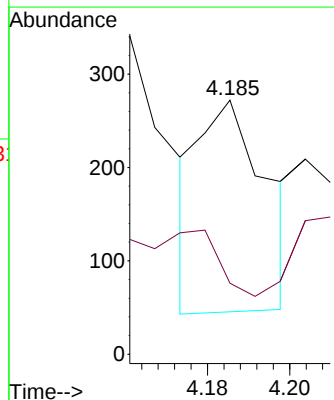
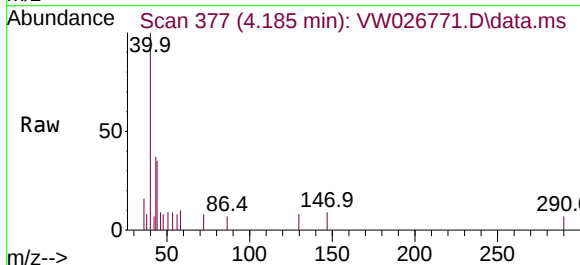
Instrument :
MSVOA_W
ClientSampled :

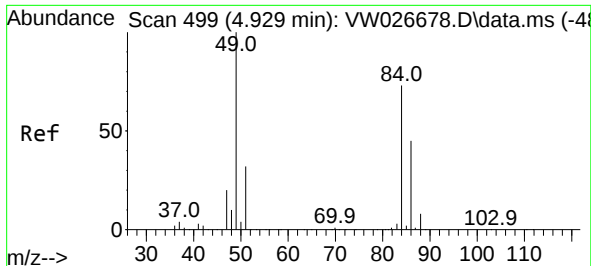
Tgt Ion: 50 Resp: 228
Ion Ratio Lower Upper
50 100
52 29.2 23.0 42.8



#13
Acetone
Concen: 4.688 ug/L
RT: 4.185 min Scan# 377
Delta R.T. 0.061 min
Lab File: VW026771.D
Acq: 18 Aug 2023 15:45

Tgt Ion: 43 Resp: 257
Ion Ratio Lower Upper
43 100
58 57.2 0.0 57.4

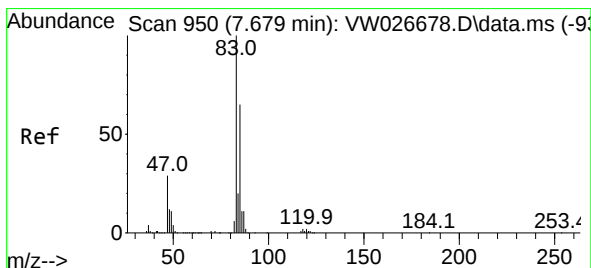
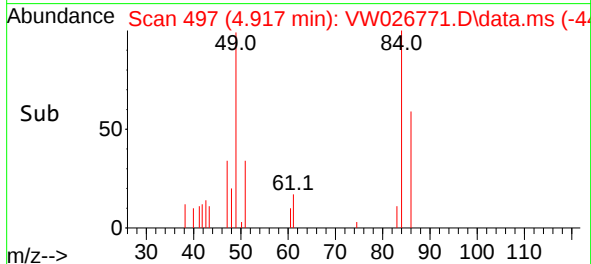
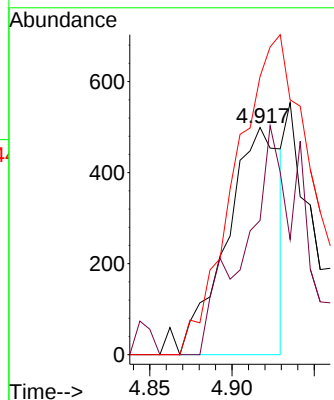
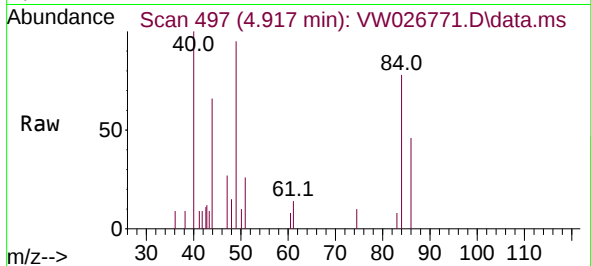




#16
Methylene chloride
Concen: 4.979 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026771.D
Acq: 18 Aug 2023 15:45

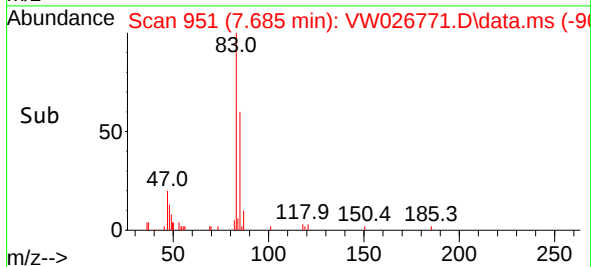
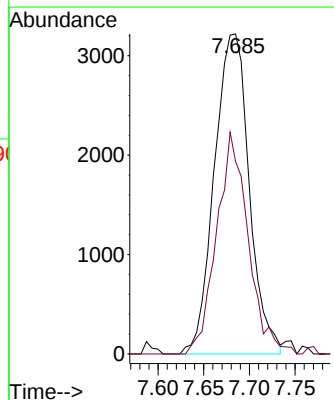
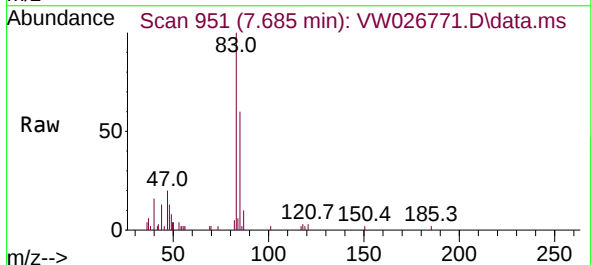
Instrument :
MSVOA_W
ClientSampleId :

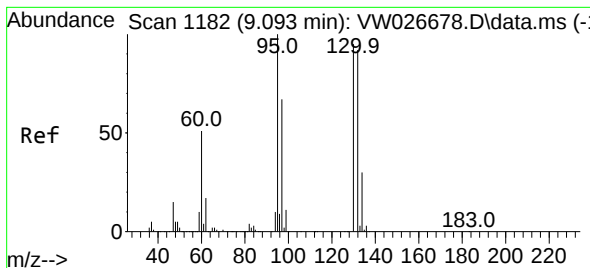
Tgt Ion: 84 Resp: 1124
Ion Ratio Lower Upper
84 100
86 59.1 43.5 80.9
49 122.4 96.0 178.2



#25
Chloroform
Concen: 22.318 ug/L
RT: 7.685 min Scan# 951
Delta R.T. 0.012 min
Lab File: VW026771.D
Acq: 18 Aug 2023 15:45

Tgt Ion: 83 Resp: 8541
Ion Ratio Lower Upper
83 100
85 60.1 45.4 84.2





#34

Trichloroethene

Concen: 10.545 ug/L

RT: 9.099 min Scan# 1182

Delta R.T. 0.006 min

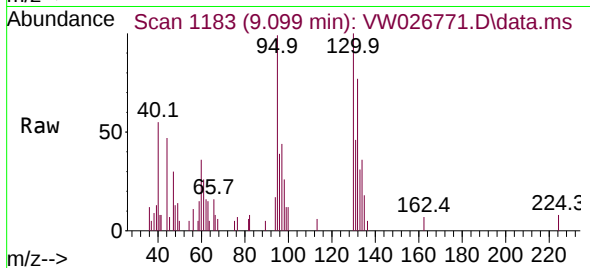
Lab File: VW026771.D

Acq: 18 Aug 2023 15:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 2144

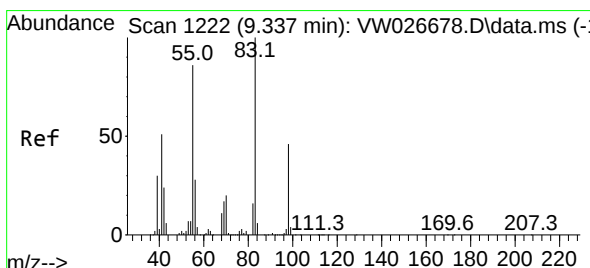
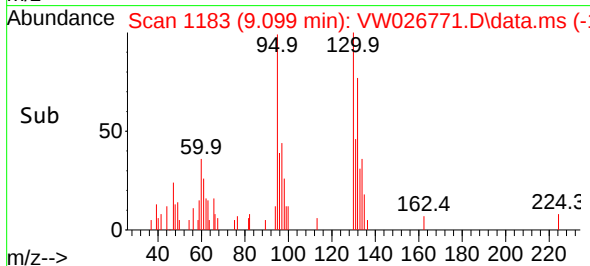
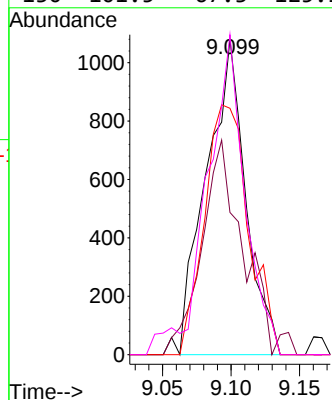
Ion Ratio Lower Upper

95 100

97 45.1 44.6 82.8

132 78.1 66.4 123.2

130 101.5 67.3 125.1



#35

Methylcyclohexane

Concen: 4.684 ug/L

RT: 9.276 min Scan# 1212

Delta R.T. -0.061 min

Lab File: VW026771.D

Acq: 18 Aug 2023 15:45

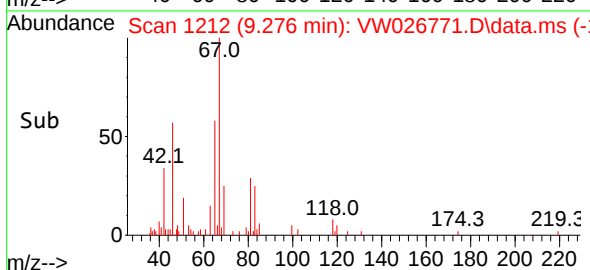
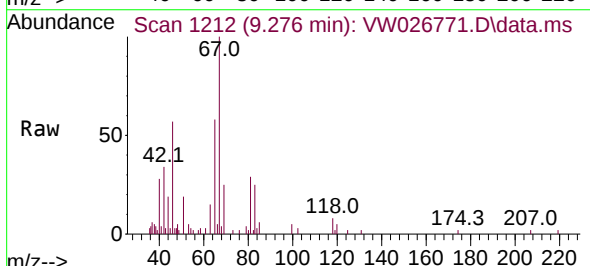
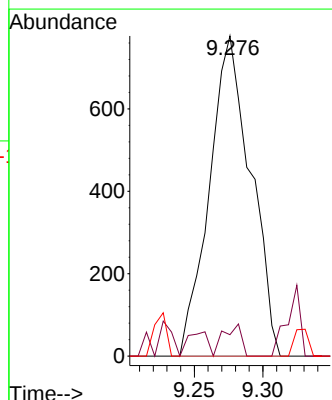
Tgt Ion: 83 Resp: 1629

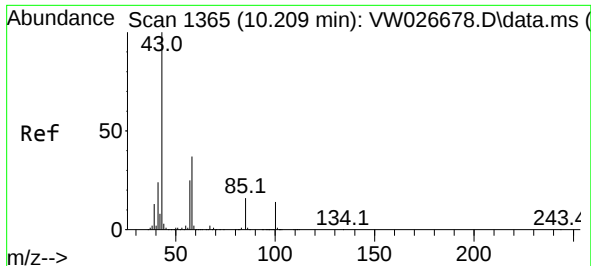
Ion Ratio Lower Upper

83 100

55 4.3 69.3 103.9#

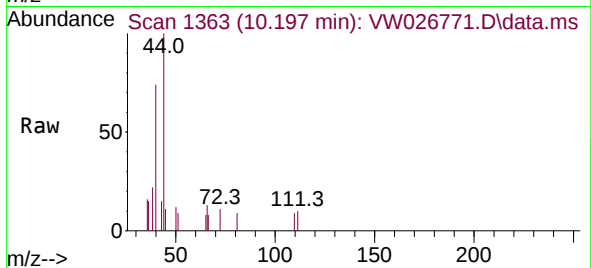
98 0.0 37.4 56.0#



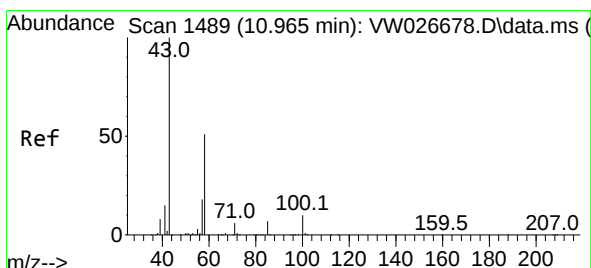
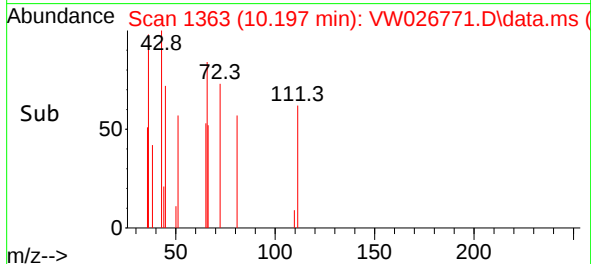
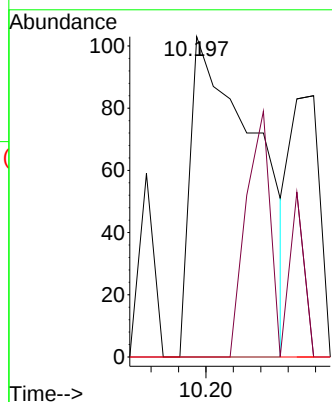


#40
4-Methyl-2-pentanone
Concen: 1.202 ug/L
RT: 10.197 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW026771.D
Acq: 18 Aug 2023 15:45

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 171
Ion Ratio Lower Upper
43 100
58 28.1 29.2 43.8#
100 0.0 10.7 16.1#



#48
2-Hexanone
Concen: 1.488 ug/L
RT: 10.959 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VW026771.D
Acq: 18 Aug 2023 15:45

Tgt Ion: 43 Resp: 144
Ion Ratio Lower Upper
43 100
58 0.0 41.1 61.7#
57 0.0 14.3 21.5#
100 0.0 8.8 13.2#

